

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035199.D
 Acq On : 15 Apr 2024 14:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV257

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 00:26:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:18:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	229124	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	226321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104854	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.532	69	81686	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	43244	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.822	46	191281	52.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	4.249	84	163504	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.947	65	79930	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	4.960	84	326331	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.989	67	100661	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.243	98	298500	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.555	79	37116	5.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.027	63	157614	53.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	77172	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	101811	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	104281	4.808	ug/L	98
3) Chloromethane	1.214	50	119782	4.735	ug/L	99
5) Vinyl chloride	1.282	62	123637	4.982	ug/L	100
6) Bromomethane	1.490	94	71888	5.054	ug/L	99
8) Chloroethane	1.552	64	74464	4.874	ug/L	99
9) Trichlorofluoromethane	1.716	101	143232	4.844	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87848	4.839	ug/L	100
12) 1,1-Dichloroethene	2.069	96	83486	4.800	ug/L	97
13) Acetone	2.143	43	120774m	49.389	ug/L	
14) Carbon disulfide	2.240	76	278043	5.067	ug/L	100
15) Methyl Acetate	2.388	43	36895	5.728	ug/L	98
16) Methylene chloride	2.445	84	100007	4.565	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	206015	5.247	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	86998	4.895	ug/L	99
19) 1,1-Dichloroethane	3.111	63	172985	4.839	ug/L	99
21) 2-Butanone	3.902	43	195751	48.907	ug/L #	63
22) cis-1,2-Dichloroethene	3.815	96	92047	5.037	ug/L	99
23) Bromochloromethane	4.153	128	40050	4.846	ug/L	89
25) Chloroform	4.275	83	169398	4.874	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035199.D
 Acq On : 15 Apr 2024 14:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV257

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 00:26:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:18:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	102474	5.027	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	140102	4.919	ug/L	100
30) Cyclohexane	4.584	56	136614	5.035	ug/L	99
31) Carbon tetrachloride	4.735	117	117125	4.819	ug/L	100
33) Benzene	5.011	78	361213	5.077	ug/L	100
34) Trichloroethene	5.834	95	93592	5.001	ug/L	99
35) Methylcyclohexane	6.050	83	142956	5.071	ug/L	98
37) 1,2-Dichloropropane	6.092	63	98452	5.233	ug/L	100
38) Bromodichloromethane	6.432	83	114796	5.012	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	131046	5.240	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	530012	53.472	ug/L	97
42) Toluene	7.313	91	377831	5.121	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	106864	5.285	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	65586	5.024	ug/L	99
47) Tetrachloroethene	7.905	164	71239	4.799	ug/L	96
48) 2-Hexanone	8.075	43	391924	53.450	ug/L	99
49) Dibromochloromethane	8.175	129	66064	4.899	ug/L	100
50) 1,2-Dibromoethane	8.284	107	60102	4.903	ug/L	99
51) Chlorobenzene	8.812	112	242131	5.071	ug/L	100
52) Ethylbenzene	8.947	91	404888	5.122	ug/L	100
53) m,p-Xylene	9.072	106	150344	5.162	ug/L	98
54) o-Xylene	9.477	106	144084	5.126	ug/L	98
55) Styrene	9.493	104	252006	5.328	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	78908	4.932	ug/L	98
59) Bromoform	9.664	173	33522	4.794	ug/L	99
60) Isopropylbenzene	9.866	105	394831	5.236	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	57021	4.838	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	314257	5.161	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	317742	5.281	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	192459	5.072	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	193829	4.890	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	176482	5.009	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	11669	5.016	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	148389	5.152	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	127530	5.309	ug/L	99
71) Naphthalene	13.439	128	225423	6.530	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	116812	5.477	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035199.D
 Acq On : 15 Apr 2024 14:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV257

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 00:26:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:18:21 2024
 Response via : Initial Calibration

