

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022424\
 Data File : VW034387.D
 Acq On : 24 Feb 2024 10:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

Quant Time: Feb 26 00:35:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	82810	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	75246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	39624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30727	4.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.532	69	25109	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.060	65	14100	4.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.831	46	47375	43.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.960%
24) Chloroform-d	4.249	84	55444	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.944	65	25524	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.960	84	103657	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	5.989	67	27573	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.243	98	96961	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.558	79	8221	3.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.027	63	34825	40.940	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.880%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17871	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	31692	4.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32110	4.231	ug/L	99
3) Chloromethane	1.217	50	37152	4.488	ug/L	97
5) Vinyl chloride	1.285	62	35624	4.504	ug/L	91
6) Bromomethane	1.487	94	13418	3.221	ug/L	95
8) Chloroethane	1.552	64	25002	4.633	ug/L	89
9) Trichlorofluoromethane	1.716	101	60012	5.265	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32597	5.471	ug/L	98
12) 1,1-Dichloroethene	2.069	96	30373	5.250	ug/L	99
13) Acetone	2.146	43	44698	54.700	ug/L	95
14) Carbon disulfide	2.240	76	82161	4.389	ug/L	99
15) Methyl Acetate	2.394	43	8896	4.600	ug/L	99
16) Methylene chloride	2.445	84	30511	5.497	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	62420	5.251	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	30433	5.165	ug/L	97
19) 1,1-Dichloroethane	3.111	63	58327	5.387	ug/L	99
21) 2-Butanone	3.908	43	53672	49.703	ug/L #	60
22) cis-1,2-Dichloroethene	3.815	96	32215	4.819	ug/L	95
23) Bromochloromethane	4.149	128	12535	5.394	ug/L	91
25) Chloroform	4.275	83	59591	5.445	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33922	5.413	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	55601	5.504	ug/L	99
30) Cyclohexane	4.577	56	47438	4.828	ug/L	99
31) Carbon tetrachloride	4.735	117	47550	5.379	ug/L	99
33) Benzene	5.008	78	120687	5.348	ug/L	100
34) Trichloroethene	5.831	95	31235	4.782	ug/L	97
35) Methylcyclohexane	6.047	83	49370	4.815	ug/L	98
37) 1,2-Dichloropropane	6.095	63	27617	5.052	ug/L	100
38) Bromodichloromethane	6.432	83	37600	5.240	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	33568m	4.035	ug/L	
40) 4-Methyl-2-pentanone	7.159	43	138061	52.738	ug/L	99
42) Toluene	7.313	91	130208	5.398	ug/L	94
44) trans-1,3-Dichloropropene	7.583	75	25084	3.927	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	17549	5.199	ug/L	98
47) Tetrachloroethene	7.905	164	24949	4.701	ug/L	98
48) 2-Hexanone	8.079	43	94196	51.046	ug/L	97
49) Dibromochloromethane	8.175	129	20639	5.145	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15989	5.277	ug/L #	98
51) Chlorobenzene	8.812	112	81044	5.314	ug/L	99
52) Ethylbenzene	8.944	91	145781	5.251	ug/L	99
53) m,p-Xylene	9.072	106	53654	5.114	ug/L	98
54) o-Xylene	9.477	106	53795	5.317	ug/L	100
55) Styrene	9.497	104	82735	5.107	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	20025	5.620	ug/L	95
59) Bromoform	9.667	173	8894	4.075	ug/L	97
60) Isopropylbenzene	9.866	105	137602	4.693	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14247	5.230	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	119723	4.830	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	121026	5.025	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	66197	5.178	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	61889	4.889	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	58572	5.335	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2730	4.782	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	49170	4.970	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	38736	5.016	ug/L	100
71) Naphthalene	13.442	128	50451	4.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	32178	5.200	ug/L	100

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

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