

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035613.D
 Acq On : 15 May 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

05/17/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: May 16 01:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210653	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	219150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	115614	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.275	65	60899	4.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.532	69	58800	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.056	65	27376	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.834	46	162139	52.069	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.140%
24) Chloroform-d	4.246	84	142090	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.944	65	65297	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.957	84	248175	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.985	67	78377	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.239	98	225510	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.554	79	29273	5.286	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.027	63	129853	51.837	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	63329	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	84105	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	90699	5.374	ug/L	99
3) Chloromethane	1.214	50	96735	5.080	ug/L	98
5) Vinyl chloride	1.281	62	101120	5.287	ug/L	100
6) Bromomethane	1.487	94	65715	5.088	ug/L	99
8) Chloroethane	1.548	64	63563	5.139	ug/L	99
9) Trichlorofluoromethane	1.712	101	130796	5.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	84267	5.424	ug/L	99
12) 1,1-Dichloroethene	2.066	96	77179	5.203	ug/L	97
13) Acetone	2.162	43	134153m	54.265	ug/L	
14) Carbon disulfide	2.236	76	220511	5.343	ug/L	100
15) Methyl Acetate	2.391	43	29368	5.176	ug/L	98
16) Methylene chloride	2.442	84	91430	4.376	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	183355	5.355	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	82272	5.341	ug/L	96
19) 1,1-Dichloroethane	3.108	63	160572	5.233	ug/L	99
21) 2-Butanone	3.905	43	174583	52.476	ug/L #	68
22) cis-1,2-Dichloroethene	3.812	96	85045	5.244	ug/L	99
23) Bromochloromethane	4.146	128	42850	5.435	ug/L	96
25) Chloroform	4.272	83	168617	5.254	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	96310	5.407	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	141231	5.322	ug/L	99
30) Cyclohexane	4.577	56	103913	5.419	ug/L	99
31) Carbon tetrachloride	4.728	117	121756	5.271	ug/L	100
33) Benzene	5.005	78	335188	5.560	ug/L	100
34) Trichloroethene	5.831	95	94302	5.454	ug/L	99
35) Methylcyclohexane	6.047	83	117831	5.268	ug/L	100
37) 1,2-Dichloropropane	6.092	63	90698	5.611	ug/L	100
38) Bromodichloromethane	6.432	83	118105	5.413	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	120111	5.563	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	447267	58.225	ug/L	100
42) Toluene	7.313	91	363376	5.783	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	101617	5.583	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	68615	5.419	ug/L	99
47) Tetrachloroethene	7.902	164	72607	5.322	ug/L	97
48) 2-Hexanone	8.075	43	334251	59.176	ug/L	99
49) Dibromochloromethane	8.175	129	77839	5.560	ug/L	99
50) 1,2-Dibromoethane	8.281	107	62712	5.328	ug/L	98
51) Chlorobenzene	8.812	112	234457	5.370	ug/L	100
52) Ethylbenzene	8.944	91	360853	5.501	ug/L	99
53) m,p-Xylene	9.072	106	136500	5.461	ug/L	98
54) o-Xylene	9.474	106	128394	5.428	ug/L	91
55) Styrene	9.493	104	242506	5.886	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	67053	4.955	ug/L	98
59) Bromoform	9.664	173	44175	5.311	ug/L	100
60) Isopropylbenzene	9.863	105	357248	5.449	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	55304	5.129	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	268711	5.210	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	280117	5.488	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	191940	5.438	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	196335	5.407	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	178168	5.284	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	12052	5.245	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	141096	5.284	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	110810	5.230	ug/L	99
71) Naphthalene	13.438	128	145379	4.773	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	103159	5.265	ug/L	100

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

