

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037943.D
 Acq On : 06 Nov 2024 21:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Quant Time: Nov 06 22:49:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 22:44:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/07/2024
 Supervised By :Semsettin Yesilyurt 11/07/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306840	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	314980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	167712	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.275	65	109543	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.529	69	92199	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.053	65	47962	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.838	46	267025	61.000	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.000%
24) Chloroform-d	4.243	84	219329	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	4.940	65	104901	5.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.953	84	408737	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.985	67	122231	5.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.236	98	385017	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	7.554	79	47241	5.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.024	63	238069	66.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.580%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	112805	5.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	141644	5.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	145032	4.735	ug/L	98
3) Chloromethane	1.214	50	136549	4.738	ug/L	99
5) Vinyl chloride	1.278	62	146752	5.117	ug/L	98
6) Bromomethane	1.484	94	82847	5.106	ug/L	100
8) Chloroethane	1.545	64	89795	5.262	ug/L	100
9) Trichlorofluoromethane	1.709	101	197043	4.945	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	107418	4.710	ug/L	99
12) 1,1-Dichloroethene	2.063	96	106851	5.098	ug/L	95
13) Acetone	2.162	43	190767m	61.393	ug/L	
14) Carbon disulfide	2.233	76	360334	5.067	ug/L	100
15) Methyl Acetate	2.391	43	44519	6.053	ug/L	98
16) Methylene chloride	2.442	84	128913	5.269	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	280269	5.980	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	118527	5.236	ug/L	98
19) 1,1-Dichloroethane	3.104	63	217353	5.285	ug/L	99
21) 2-Butanone	3.911	43	257724	55.809	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	123745	5.187	ug/L	99
23) Bromochloromethane	4.143	128	61041	5.667	ug/L	99
25) Chloroform	4.268	83	226858	5.250	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	134672	5.626	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	195488	5.192	ug/L	99
30) Cyclohexane	4.574	56	162184	4.855	ug/L	98
31) Carbon tetrachloride	4.728	117	166574	5.041	ug/L	99
33) Benzene	5.001	78	477476	5.516	ug/L	100
34) Trichloroethene	5.828	95	133158	5.556	ug/L	98
35) Methylcyclohexane	6.043	83	168685	4.722	ug/L	99
37) 1,2-Dichloropropane	6.088	63	116248	5.373	ug/L	99
38) Bromodichloromethane	6.429	83	154805	5.394	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	164911	5.276	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	710193	65.236	ug/L	97
42) Toluene	7.310	91	500825	5.468	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	142161	5.516	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	96617	5.900	ug/L	98
47) Tetrachloroethene	7.898	164	93006	4.992	ug/L	98
48) 2-Hexanone	8.072	43	527913	68.554	ug/L	98
49) Dibromochloromethane	8.169	129	100398	5.364	ug/L	97
50) 1,2-Dibromoethane	8.278	107	91552	5.991	ug/L	98
51) Chlorobenzene	8.808	112	330673	5.279	ug/L	98
52) Ethylbenzene	8.940	91	517779	5.249	ug/L	98
53) m,p-Xylene	9.069	106	200444	5.326	ug/L	99
54) o-Xylene	9.471	106	190628	5.323	ug/L	98
55) Styrene	9.490	104	348217	5.646	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	118254	6.221	ug/L	99
59) Bromoform	9.660	173	51562	5.276	ug/L	100
60) Isopropylbenzene	9.860	105	499781	5.114	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	82005	6.253	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	390325	5.080	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	400730	5.286	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	263088	5.317	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	271056	5.304	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	250638	5.478	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16472	5.785	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	179088	5.128	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	151412	5.521	ug/L	99
71) Naphthalene	13.435	128	242914	6.242	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	140943	5.961	ug/L	97

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

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