

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027507.D
 Acq On : 25 Aug 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Quant Time: Aug 26 01:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

08/27/2022
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125779	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68930	5.000	ug/L	0.00

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System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	38011	4.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.565	69	33646	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.105	63	93992	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.899	46	59613m	53.511	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	4.346	84	82968	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.034	65	35924	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	145328	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.069	67	40700	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.313	98	139427	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	13566	3.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.092	63	51173	44.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29768	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	43857	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%

08/27/2022

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	67888	5.087	ug/L	99
3) Chloromethane	1.240	50	63574	5.455	ug/L	97
5) Vinyl chloride	1.307	62	65433	5.577	ug/L	98
6) Bromomethane	1.519	94	31599	5.447	ug/L	99
8) Chloroethane	1.581	64	40229	5.867	ug/L	99
9) Trichlorofluoromethane	1.751	101	102632	5.506	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55179	5.244	ug/L	96
12) 1,1-Dichloroethene	2.114	96	50137	5.268	ug/L	96
13) Acetone	2.172	43	60686m	57.041	ug/L	
14) Carbon disulfide	2.291	76	115398	4.418	ug/L	98
15) Methyl Acetate	2.433	43	12903m	4.379	ug/L	
16) Methylene chloride	2.503	84	52111	3.632	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	96911	4.922	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	46879	4.781	ug/L	99
19) 1,1-Dichloroethane	3.185	63	96396	4.749	ug/L	99
21) 2-Butanone	3.979	43	74600	52.688	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	49967	4.782	ug/L	99
23) Bromochloromethane	4.249	128	24253	5.264	ug/L	# 86
25) Chloroform	4.371	83	108093	4.898	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	59690	5.323	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	95924	4.981	ug/L	98
30) Cyclohexane	4.674	56	67914	4.594	ug/L	97
31) Carbon tetrachloride	4.825	117	83151	4.965	ug/L	98
33) Benzene	5.098	78	210927	5.056	ug/L	100
34) Trichloroethene	5.912	95	51960	4.733	ug/L	98
35) Methylcyclohexane	6.127	83	70736	4.581	ug/L	96
37) 1,2-Dichloropropane	6.172	63	54632	4.912	ug/L	98
38) Bromodichloromethane	6.506	83	71219	5.051	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	59961	4.471	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	242211	48.745	ug/L	97
42) Toluene	7.387	91	224793	5.221	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	51424	4.536	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	36033	5.068	ug/L	92
47) Tetrachloroethene	7.973	164	42482	4.967	ug/L	97
48) 2-Hexanone	8.140	43	176150	49.198	ug/L	97
49) Dibromochloromethane	8.243	129	45411	5.193	ug/L	93
50) 1,2-Dibromoethane	8.352	107	31318	5.047	ug/L	94
51) Chlorobenzene	8.879	112	137587	4.937	ug/L	99
52) Ethylbenzene	9.011	91	215719	4.908	ug/L	100
53) m,p-Xylene	9.137	106	84842	5.045	ug/L	100
54) o-Xylene	9.542	106	81594	5.002	ug/L	99
55) Styrene	9.561	104	146440	5.276	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40803	5.095	ug/L	99
59) Bromoform	9.731	173	22188	4.803	ug/L	100
60) Isopropylbenzene	9.931	105	222110	4.897	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	29152	4.821	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	59105	4.700	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	165642	4.675	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	109018	4.879	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	106636	4.787	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	98891	4.881	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6225	4.633	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	77072	4.621	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	55331	4.565	ug/L	100
71) Naphthalene	13.500	128	73318	4.382	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50459	4.687	ug/L	97

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

