

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027744.D
 Acq On : 06 Sep 2022 15:59
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Sep 07 05:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	169816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	98777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	240258	14.304	ug/L	0.00
7) Chloroethane-d5	1.561	69	199601	14.045	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	499579	14.647	ug/L	0.00
20) 2-Butanone-d5	3.892	46	486178	157.373	ug/L	-0.05
24) Chloroform-d	4.342	84	489994	14.187	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	238473	15.101	ug/L	0.00
32) Benzene-d6	5.043	84	931749	14.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	253951	12.394	ug/L	0.00
41) Toluene-d8	7.310	98	838499	15.001	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	100073	16.176	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	426887	184.071	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.214	84	174248	13.568	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	309924	14.486	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	358176	16.598	ug/L	99
3) Chloromethane	1.240	50	318444	15.525	ug/L	97
5) Vinyl chloride	1.307	62	334469	16.975	ug/L	99
6) Bromomethane	1.516	94	176460	18.692	ug/L	97
8) Chloroethane	1.580	64	192201	17.225	ug/L	98
9) Trichlorofluoromethane	1.748	101	538938	19.682	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	252861	17.087	ug/L	99
12) 1,1-Dichloroethene	2.111	96	237216	17.283	ug/L	99
13) Acetone	2.185	43	354596m	170.249	ug/L	
14) Carbon disulfide	2.285	76	732137	17.000	ug/L	99
15) Methyl Acetate	2.439	43	107550m	19.014	ug/L	
16) Methylene chloride	2.500	84	255726	15.171	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	552183	18.518	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	254171	16.726	ug/L	95
19) 1,1-Dichloroethane	3.182	63	469952	15.803	ug/L	99
21) 2-Butanone	3.976	43	512272	180.466	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	271503	17.445	ug/L #	93
23) Bromochloromethane	4.243	128	119086	17.677	ug/L	91
25) Chloroform	4.368	83	510777	16.182	ug/L	98
27) 1,2-Dichloroethane	5.127	62	302745	17.125	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	478007	16.741	ug/L	98
30) Cyclohexane	4.670	56	414881	17.239	ug/L	100
31) Carbon tetrachloride	4.821	117	429434	17.593	ug/L	98
33) Benzene	5.095	78	1047557	16.611	ug/L	100
34) Trichloroethene	5.908	95	259255	16.355	ug/L	97
35) Methylcyclohexane	6.127	83	445504	18.112	ug/L	97
37) 1,2-Dichloropropane	6.169	63	243520	15.151	ug/L	100
38) Bromodichloromethane	6.506	83	336256	16.528	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	365729	18.930	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1257745	180.786	ug/L	97
42) Toluene	7.384	91	1121062	17.921	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	310328	19.693	ug/L	99

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Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 05:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	166614	16.328	ug/L	98
47) Tetrachloroethene	7.972	164	219057	17.324	ug/L	97
48) 2-Hexanone	8.136	43	901876	172.743	ug/L	97
49) Dibromochloromethane	8.243	129	213510	17.527	ug/L	99
50) 1,2-Dibromoethane	8.349	107	151823	16.545	ug/L	100
51) Chlorobenzene	8.879	112	703050	17.668	ug/L	99
52) Ethylbenzene	9.008	91	1231711	19.267	ug/L	99
53) m,p-Xylene	9.136	106	477912	19.354	ug/L	99
54) o-Xylene	9.542	106	459669	19.506	ug/L	95
55) Styrene	9.558	104	801668	19.983	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	182905	16.302	ug/L	99
59) Bromoform	9.728	173	109138	15.793	ug/L	98
60) Isopropylbenzene	9.931	105	1256054	17.061	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	136568	14.233	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	355187	17.445	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1092162	18.888	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	603801	17.081	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	611792	17.324	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	568584	17.856	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	34260	17.770	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	483452	18.817	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	381641	19.989	ug/L	100
71) Naphthalene	13.500	128	571426	19.047	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	332577	19.286	ug/L	99

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

