

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028313.D
 Acq On : 04 Oct 2022 05:42
 Operator : SY/MD
 Sample : N4866-08MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ2MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 06:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	165097	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	417203	33.631	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	672.600%#	
7) Chloroethane-d5	1.561	69	45230	4.307	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.105	63	101838	4.356	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	3.908	46	181630	86.536	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	173.080%#	
24) Chloroform-d	4.343	84	129248	5.751	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	115.000%	
26) 1,2-Dichloroethane-d4	5.027	65	62324	5.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.600%	
32) Benzene-d6	5.047	84	227452	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.066	67	76914	5.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.000%	
41) Toluene-d8	7.310	98	202050	4.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	7.619	79	19263	3.817	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.085	63	151817	73.495	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	146.980%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	69464	6.916	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	138.400%#	
66) 1,2-Dichlorobenzene-d4	11.619	152	85499	5.303	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	47106	3.547	ug/L	91
3) Chloromethane	1.237	50	46172	3.669	ug/L	99
5) Vinyl chloride	1.294	62	20323044m	1434.091	ug/L	
6) Bromomethane	1.516	94	17254	2.564	ug/L	99
8) Chloroethane	1.581	64	50813m	5.380	ug/L	
9) Trichlorofluoromethane	1.748	101	83705	3.931	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	44984	3.777	ug/L	98
12) 1,1-Dichloroethene	2.111	96	78615	6.638	ug/L #	67
13) Acetone	2.201	43	87041	63.154	ug/L	91
14) Carbon disulfide	2.288	76	181498	4.919	ug/L	99
15) Methyl Acetate	2.442	43	8826	2.353	ug/L	98
16) Methylene chloride	2.500	84	64917	4.870	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	142705	5.869	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	297107	24.087	ug/L	95
19) 1,1-Dichloroethane	3.182	63	113880	5.421	ug/L	97
21) 2-Butanone	3.995	43	125192	59.835	ug/L	98
22) cis-1,2-Dichloroethene	3.889	96	31102590m	2503.866	ug/L	
23) Bromochloromethane	4.243	128	29047	5.280	ug/L	93
25) Chloroform	4.368	83	120109	5.213	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70597	5.720	ug/L #	91
29) 1,1,1-Trichloroethane	4.600	97	97678	4.702	ug/L	96
30) Cyclohexane	4.670	56	63966	3.574	ug/L	93
31) Carbon tetrachloride	4.822	117	81653	4.382	ug/L	98
33) Benzene	5.095	78	293386	5.853	ug/L	100
34) Trichloroethene	5.908	95	67554	5.382	ug/L	96
35) Methylcyclohexane	6.124	83	60594	2.957	ug/L	96
37) 1,2-Dichloropropane	6.169	63	64267	5.536	ug/L	97
38) Bromodichloromethane	6.506	83	83917	5.241	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	56168	3.389	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	340199	63.781	ug/L	95
42) Toluene	7.384	91	267866	5.078	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	47705	3.389	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	50436	5.857	ug/L	99
47) Tetrachloroethene	7.969	164	45280	4.128	ug/L	95
48) 2-Hexanone	8.137	43	249218	66.711	ug/L	97
49) Dibromochloromethane	8.243	129	60147	5.519	ug/L	100
50) 1,2-Dibromoethane	8.349	107	44915	5.796	ug/L	97
51) Chlorobenzene	8.876	112	175983	5.017	ug/L	99
52) Ethylbenzene	9.008	91	259248	4.677	ug/L	97
53) m,p-Xylene	9.133	106	103362	4.678	ug/L	98
54) o-Xylene	9.538	106	102435	4.901	ug/L	99
55) Styrene	9.558	104	158391	4.410	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	61508	6.295	ug/L	98
59) Bromoform	9.728	173	33677	5.458	ug/L	99
60) Isopropylbenzene	9.928	105	271300	4.733	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	42811	5.923	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	70409	4.323	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	208820	4.524	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	144328	5.125	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	142445	5.052	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	139598	5.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	8887	5.398	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	104422	4.688	ug/L	100
70) 1,2,4-trichlorobenzene	13.255	180	87230	5.139	ug/L	100
71) Naphthalene	13.496	128	142574	5.378	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	82534	5.394	ug/L	99

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

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