

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037463.D
 Acq On : 21 Sep 2024 04:32
 Operator : SY/MD
 Sample : P4130-05MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0HH9MSD

Quant Time: Sep 21 04:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	345659	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	352838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	182027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	90222	4.449	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.529	69	81681	3.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.053	65	41972	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.796	46	280986	46.364	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	4.243	84	212996	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.940	65	100583	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.953	84	402121	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.985	67	151948	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.236	98	377113	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.551	79	43611	4.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.021	63	253706	53.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.320%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	110447	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	145557	4.498	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	147276	4.587	ug/L	99
3) Chloromethane	1.214	50	145021	4.233	ug/L	100
5) Vinyl chloride	1.281	62	153699	4.565	ug/L	97
6) Bromomethane	1.484	94	74379	3.682	ug/L	99
8) Chloroethane	1.545	64	101358	5.006	ug/L	96
9) Trichlorofluoromethane	1.709	101	205142	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	119147	4.697	ug/L	97
12) 1,1-Dichloroethene	2.066	96	115424	4.765	ug/L	95
13) Acetone	2.127	43	229278	54.334	ug/L	97
14) Carbon disulfide	2.236	76	352485	4.615	ug/L	99
15) Methyl Acetate	2.394	43	37500m	3.880	ug/L	
16) Methylene chloride	2.442	84	147693	5.304	ug/L #	55
17) Methyl tert-butyl Ether	2.699	73	397316	6.900	ug/L #	81
18) trans-1,2-Dichloroethene	2.690	96	129785	5.092	ug/L	95
19) 1,1-Dichloroethane	3.104	63	239211	4.915	ug/L	99
21) 2-Butanone	3.876	43	288980	45.058	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	144457	5.243	ug/L	95
23) Bromochloromethane	4.143	128	62253	5.217	ug/L	95
25) Chloroform	4.268	83	254388	5.189	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	223540	8.058	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	207701	4.964	ug/L	97
30) Cyclohexane	4.574	56	196501	4.841	ug/L	98
31) Carbon tetrachloride	4.725	117	176381	4.953	ug/L	98
33) Benzene	5.002	78	529466	4.980	ug/L	100
34) Trichloroethene	5.828	95	139878	4.883	ug/L	99
35) Methylcyclohexane	6.040	83	307472	7.060	ug/L #	91
37) 1,2-Dichloropropane	6.088	63	132284	4.891	ug/L #	26
38) Bromodichloromethane	6.429	83	217461	6.422	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	181877	4.642	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	901666	58.228	ug/L	97
42) Toluene	7.310	91	566030	5.118	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	139548	4.414	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	102811	5.311	ug/L	95
47) Tetrachloroethene	7.899	164	104716	5.107	ug/L	98
48) 2-Hexanone	8.072	43	585803	51.758	ug/L	98
49) Dibromochloromethane	8.169	129	97136	4.789	ug/L	99
50) 1,2-Dibromoethane	8.278	107	102063	5.580	ug/L	96
51) Chlorobenzene	8.808	112	376455	5.112	ug/L	100
52) Ethylbenzene	8.940	91	647876	5.249	ug/L	99
53) m,p-Xylene	9.069	106	245844	5.414	ug/L	97
54) o-Xylene	9.474	106	243480	5.416	ug/L	93
55) Styrene	9.490	104	410906	5.391	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	126111	5.392	ug/L	98
59) Bromoform	9.660	173	43933	4.126	ug/L	100
60) Isopropylbenzene	9.860	105	650892	5.342	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	84891	5.125	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	531154	5.498	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	527737	5.438	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	298890	5.189	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	301865	5.111	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	277616	5.199	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	17869	5.202	ug/L	90
69) 1,3,5-Trichlorobenzene	12.577	180	216549	5.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	192675	5.699	ug/L	98
71) Naphthalene	13.435	128	351797	6.808	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.673	180	169549	6.060	ug/L #	92

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

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09/23/2024

