

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079081.D
 Acq On : 29 May 2024 22:58
 Operator : RP/MD
 Sample : P2640-06MSD
 Misc : 4.90G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4C15MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: May 30 01:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	156236	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	131935	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	47945	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	100959	20.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.799	69	96020	20.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	3.911	65	15900	18.629	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.520%
21) 2-Butanone-d5	6.981	46	7554m	20.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.080%
24) Chloroform-d	7.569	84	89146	20.407	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.640%
26) 1,2-Dichloroethane-d4	8.234	65	38174	18.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.760%
32) Benzene-d6	8.199	84	170071	23.253	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.210	67	48590	23.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	10.269	98	146090	21.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	10.522	79	16494	18.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.520%
47) 2-Hexanone-d5	10.875	63	5250	19.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.560%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	34591	18.536	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.160%
66) 1,2-Dichlorobenzene-d4	13.810	152	30522	18.446	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	53698	21.712	ug/L	100
3) Chloromethane	2.146	50	83451	25.316	ug/L	97
5) Vinyl chloride	2.281	62	133540	24.544	ug/L	96
6) Bromomethane	2.687	94	79999	19.046	ug/L	98
8) Chloroethane	2.834	64	99172	24.869	ug/L	93
9) Trichlorofluoromethane	3.170	101	86004	20.751	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	50743	20.417	ug/L #	88
12) 1,1-Dichloroethene	3.940	96	46090	21.301	ug/L	90
13) Acetone	4.034	43	8661	16.268	ug/L	53
14) Carbon disulfide	4.269	76	158724	21.029	ug/L	99
15) Methyl Acetate	4.569	43	10104m	13.929	ug/L	
16) Methylene chloride	4.799	84	63104	22.668	ug/L	87
17) trans-1,2-Dichloroethene	5.311	96	53084	22.702	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	89735	21.638	ug/L #	89
19) 1,1-Dichloroethane	6.105	63	89922m	23.885	ug/L	
20) cis-1,2-Dichloroethene	7.075	96	56290	23.119	ug/L	96
22) 2-Butanone	7.081	43	14364	25.683	ug/L #	68
23) Bromochloromethane	7.428	128	29817	24.155	ug/L	95
25) Chloroform	7.593	83	104734	24.503	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	57085	23.007	ug/L	96
29) Cyclohexane	7.875	56	49373	20.741	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	83699	26.795	ug/L	98
31) Carbon tetrachloride	7.987	117	74306	25.599	ug/L	96
33) Benzene	8.252	78	223420	28.432	ug/L	100
34) Trichloroethene	9.028	95	51784	25.586	ug/L	98
35) Methylcyclohexane	9.275	83	57992	17.293	ug/L	98
37) 1,2-Dichloropropane	9.305	63	53759	27.930	ug/L #	97
38) Bromodichloromethane	9.581	83	75222	28.113	ug/L	88
39) cis-1,3-Dichloropropene	10.016	75	60017	19.975	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	28219	35.121	ug/L	99
42) Toluene	10.334	91	226339	25.939	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	54268	21.359	ug/L	93
45) 1,1,2-Trichloroethane	10.728	97	43184	25.574	ug/L	95
46) Tetrachloroethene	10.810	164	37677	21.142	ug/L	98
48) 2-Hexanone	10.916	43	14924	21.465	ug/L	93
49) Dibromochloromethane	11.075	129	49158	24.584	ug/L	90
50) 1,2-Dibromoethane	11.175	107	37911	24.429	ug/L	99
51) Chlorobenzene	11.604	112	132048	22.744	ug/L	98
52) Ethylbenzene	11.681	91	207101	22.754	ug/L	99
53) m,p-Xylene	11.793	106	80434	22.524	ug/L	100
54) o-Xylene	12.122	106	77600	22.492	ug/L	88
55) Styrene	12.134	104	131868	21.556	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	41498	21.955	ug/L	96
59) Bromoform	12.298	173	27025	30.755	ug/L	99
60) Isopropylbenzene	12.422	105	178024	28.081	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	26817	31.681	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	109432	25.246	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	119294	25.731	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	70911	23.284	ug/L	93
65) 1,4-Dichlorobenzene	13.534	146	71569	22.178	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	64605	22.947	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.440	75	4910	28.217	ug/L	87
69) 1,3,5-Trichlorobenzene	14.592	180	30437	15.846	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	20773	13.022	ug/L	95
71) Naphthalene	15.328	128	42932	14.390	ug/L	97
72) 1,2,3-Trichlorobenzene	15.516	180	18803	13.638	ug/L	95

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

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