

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030053.D
 Acq On : 27 Aug 2024 18:45
 Operator : SY/MD
 Sample : P3673-22MSD
 Misc : 5.23g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ4MSD

Quant Time: Aug 28 01:19:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben
 Patel
 08/28/2024
 Supervised By :Mahesh
 Dadoda
 08/28/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	57163	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	48214	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	19910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	21127	24.836	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.360%
7) Chloroethane-d5	2.887	69	14305	23.694	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	4.021	65	9100	25.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.160%
21) 2-Butanone-d5	7.093	46	6924m	40.832	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.660%
24) Chloroform-d	7.648	84	30655	19.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.560%
26) 1,2-Dichloroethane-d4	8.307	65	16075	20.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.160%
32) Benzene-d6	8.270	84	64158	22.544	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	9.276	67	18462	22.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.560%
41) Toluene-d8	10.325	98	55037	21.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.575	79	6184	18.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.120%
47) 2-Hexanone-d5	10.922	63	5820	45.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	14274	23.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	13837	19.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	17733	26.972	ug/L	96
3) Chloromethane	2.216	50	13999	18.317	ug/L	94
5) Vinyl chloride	2.369	62	18060	19.992	ug/L	100
6) Bromomethane	2.789	94	9051	16.122	ug/L	99
8) Chloroethane	2.923	64	9668	18.572	ug/L	97
9) Trichlorofluoromethane	3.271	101	25701	32.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	16443	21.970	ug/L #	89
12) 1,1-Dichloroethene	4.045	96	13692	18.686	ug/L	98
13) Acetone	4.131	43	9014	58.117	ug/L	71
14) Carbon disulfide	4.393	76	44418	19.541	ug/L	99
15) Methyl Acetate	4.673	43	4751	15.711	ug/L #	84
16) Methylene chloride	4.917	84	15070	15.959	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	12894	15.912	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	23999	19.366	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	24331m	16.158	ug/L	
20) cis-1,2-Dichloroethene	7.167	96	12711	14.192	ug/L	92
22) 2-Butanone	7.179	43	6672	30.062	ug/L	75
23) Bromochloromethane	7.514	128	5245	13.807	ug/L	93
25) Chloroform	7.679	83	23511	15.265	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	14310	14.514	ug/L	95
29) Cyclohexane	7.959	56	25418	21.833	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	23241	20.580	ug/L	99
31) Carbon tetrachloride	8.069	117	20615	20.319	ug/L	99
33) Benzene	8.325	78	53168	17.212	ug/L	100
34) Trichloroethene	9.093	95	13827	16.623	ug/L	97
35) Methylcyclohexane	9.337	83	25842	18.969	ug/L	96
37) 1,2-Dichloropropane	9.367	63	13254	16.944	ug/L #	97
38) Bromodichloromethane	9.648	83	15237	15.438	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	16359	13.587	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	14539	37.338	ug/L	96
42) Toluene	10.386	91	52346	15.912	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	12980	13.323	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	9051	15.786	ug/L	99
46) Tetrachloroethene	10.861	164	10777	17.070	ug/L	94
48) 2-Hexanone	10.971	43	10113	36.534	ug/L	94
49) Dibromochloromethane	11.123	129	9126	14.981	ug/L	91
50) 1,2-Dibromoethane	11.233	107	8276	15.453	ug/L #	93
51) Chlorobenzene	11.654	112	29855	14.194	ug/L	97
52) Ethylbenzene	11.727	91	56623	15.191	ug/L	98
53) m,p-Xylene	11.836	106	20317	14.606	ug/L	93
54) o-Xylene	12.160	106	18116	13.569	ug/L	97
55) Styrene	12.178	104	27181	12.151	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	10979	17.005	ug/L #	95
59) Bromoform	12.349	173	4905	16.543	ug/L #	95
60) Isopropylbenzene	12.458	105	54504	17.159	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	8123	20.065	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	37797	16.003	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	35742	14.357	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	19990	14.762	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	19080	13.948	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	17865	14.748	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	1713	19.768	ug/L	82
69) 1,3,5-Trichlorobenzene	14.623	180	10404	11.768	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	8073	10.550	ug/L	98
71) Naphthalene	15.360	128	15264	10.447	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	6792	10.113	ug/L	93

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

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