

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029764.D
 Acq On : 26 Jul 2024 20:16
 Operator : SY/MD
 Sample : P3361-12MSD
 Misc : 8.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20P2MSD

Quant Time: Jul 27 00:59:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 07/31/2024

Supervised By :Semsettin
 Yesilyurt
 07/31/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	307344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	99201	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.368	65	45660	10.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.840%
7) Chloroethane-d5	2.893	69	44106m	14.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
11) 1,1-Dichloroethene-d2	4.021	65	22276	11.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.720%#
21) 2-Butanone-d5	7.075	46	52268	43.706	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.420%
24) Chloroform-d	7.648	84	145865	18.334	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.320%
26) 1,2-Dichloroethane-d4	8.300	65	87747	19.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.440%
32) Benzene-d6	8.276	84	241787	17.423	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.680%
36) 1,2-Dichloropropane-d6	9.270	67	90596	20.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.800%
41) Toluene-d8	10.318	98	197445	16.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.000%
43) trans-1,3-Dichloroprop...	10.574	79	30741	17.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.560%
47) 2-Hexanone-d5	10.922	63	33632	46.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79980	24.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	54375	17.653	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.600%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	74751	18.043	ug/L #	87
3) Chloromethane	2.228	50	96653	18.854	ug/L	98
5) Vinyl chloride	2.381	62	102866	17.908	ug/L	94
6) Bromomethane	2.783	94	50546	16.025	ug/L	97
8) Chloroethane	2.929	64	59215	18.121	ug/L	99
9) Trichlorofluoromethane	3.265	101	79006	17.220	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	72322	15.826	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	72315	17.223	ug/L	97
13) Acetone	4.124	43	45554	30.651	ug/L	98
14) Carbon disulfide	4.392	76	238284	17.054	ug/L	97
15) Methyl Acetate	4.667	43	42163	17.032	ug/L	98
16) Methylene chloride	4.917	84	89203	13.883	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	79774	17.631	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	139559	18.715	ug/L	96
19) 1,1-Dichloroethane	6.215	63	169333	17.745	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	87399	17.808	ug/L	99
22) 2-Butanone	7.172	43	68131	35.778	ug/L	96
23) Bromochloromethane	7.514	128	37949	18.213	ug/L	95
25) Chloroform	7.678	83	162973	18.127	ug/L	98

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27) 1,2-Dichloroethane	8.398	62	118896	18.146	ug/L	99
29) Cyclohexane	7.959	56	134306	18.401	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	125032	19.224	ug/L	98
31) Carbon tetrachloride	8.063	117	112692	19.228	ug/L	99
33) Benzene	8.325	78	342216	19.446	ug/L	100
34) Trichloroethene	9.093	95	88203	19.119	ug/L	94
35) Methylcyclohexane	9.337	83	128800	16.755	ug/L	98
37) 1,2-Dichloropropane	9.367	63	96118	19.931	ug/L	100
38) Bromodichloromethane	9.642	83	114417	19.924	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	126207	17.970	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	130097	42.471	ug/L	99
42) Toluene	10.385	91	339462	18.898	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	107899	18.506	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	63372	19.561	ug/L	96
46) Tetrachloroethene	10.861	164	55203	16.464	ug/L	97
48) 2-Hexanone	10.964	43	95695	41.712	ug/L	98
49) Dibromochloromethane	11.129	129	65927	19.602	ug/L	98
50) 1,2-Dibromoethane	11.233	107	58749	19.598	ug/L	98
51) Chlorobenzene	11.653	112	191778	17.164	ug/L	96
52) Ethylbenzene	11.727	91	366916	18.108	ug/L	98
53) m,p-Xylene	11.836	106	130952	17.573	ug/L	99
54) o-Xylene	12.159	106	126710	18.465	ug/L	91
55) Styrene	12.178	104	206849	17.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77197	19.414	ug/L	98
59) Bromoform	12.348	173	36773	24.635	ug/L	99
60) Isopropylbenzene	12.458	105	338869	22.075	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58701	24.330	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	260476	22.829	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	245564	20.124	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	112328	17.151	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	116321	17.290	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	107578	18.042	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	12829	23.418	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.622	180	63412	14.151	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	46868	12.415	ug/L	93
71) Naphthalene	15.360	128	109955	15.265	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	43237	12.654	ug/L	97

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

