

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037941.D
 Acq On : 06 Nov 2024 20:23
 Operator : SY/MD
 Sample : P4729-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COB82

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/07/2024
 Supervised By :Semsettin Yesilyurt 11/07/2024

Quant Time: Nov 06 22:49:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 22:44:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	272518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	291378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	147683	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.275	65	99495	4.770	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.529	69	77392	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.053	65	42274	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.802	46	208601	53.656	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	4.243	84	193102	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	4.940	65	88556	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.953	84	356451	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.985	67	112129	5.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.239	98	302481	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.558	79	34926	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.024	63	175309	53.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.340%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	94233	5.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	130066	5.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.281	62	11987	0.471	ug/L	# 48
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	36500	1.802	ug/L	96
12) 1,1-Dichloroethene	2.066	96	204073	10.963	ug/L	# 80
16) Methylene chloride	2.439	84	1784349	82.110	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	4805	0.239	ug/L	87
19) 1,1-Dichloroethane	3.108	63	63627	1.742	ug/L	95
22) cis-1,2-Dichloroethene	3.805	96	638136	30.120	ug/L	99
25) Chloroform	4.268	83	199810	5.207	ug/L	97
29) 1,1,1-Trichloroethane	4.506	97	24389	0.700	ug/L	96
31) Carbon tetrachloride	4.728	117	55774	1.825	ug/L	98
34) Trichloroethene	5.821	95	19963659m	900.386	ug/L	
38) Bromodichloromethane	6.442	83	3813	0.144	ug/L	# 91
42) Toluene	7.320	91	54561	0.644	ug/L	94
45) 1,1,2-Trichloroethane	7.780	97	4293	0.283	ug/L	94
47) Tetrachloroethene	7.895	164	559058	32.438	ug/L	99
52) Ethylbenzene	8.943	91	214291	2.348	ug/L	100
53) m,p-Xylene	9.066	106	365794	10.508	ug/L	95
54) o-Xylene	9.474	106	162983	4.920	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	26501	0.392	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.847	105	85170	1.276	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	27003	0.670	ug/L	96

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

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