Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038865.D
Acq On : 17 Nov 2023 01:55
Operator : JC/MD
Sample : 05241-16MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 03:30:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	150040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102026	42.200	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.400%		
35) Dibromofluoromethane	5.385	113	85454	41.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.380%		
50) Toluene-d8	8.647	98	319876	40.296	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	80.600%#		
62) 4-Bromofluorobenzene	11.079	95	126638	39.852	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.700%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	91884	52.484	ug/l	99
3) Chloromethane	1.295	50	106744	46.715	ug/l	97
4) Vinyl Chloride	1.374	62	111007	50.433	ug/l	100
5) Bromomethane	1.599	94	54687	60.092	ug/l	99
6) Chloroethane	1.679	64	65844	52.419	ug/l	96
7) Trichlorofluoromethane	1.886	101	143236	51.282	ug/l	100
8) Diethyl Ether	2.130	74	59560	48.959	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	87773	47.386	ug/l	97
10) Methyl Iodide	2.453	142	108118	47.957	ug/l	90
11) Tert butyl alcohol	2.959	59	176628	262.672	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	89754	47.995	ug/l	88
13) Acrolein	2.233	56	95838	269.392	ug/l	100
14) Allyl chloride	2.660	41	177934	47.523	ug/l	92
15) Acrylonitrile	3.063	53	358519	252.329	ug/l	99
16) Acetone	2.380	43	290851	225.988	ug/l #	89
17) Carbon Disulfide	2.508	76	261325	45.113	ug/l	99
18) Methyl Acetate	2.703	43	287116	46.967	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	331638	50.421	ug/l	96
20) Methylene Chloride	2.788	84	106755	46.014	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	98192	47.587	ug/l	95
22) Diisopropyl ether	3.757	45	345219	50.260	ug/l	92
23) Vinyl Acetate	3.721	43	1153859	233.251	ug/l	99
24) 1,1-Dichloroethane	3.611	63	189292	49.281	ug/l	100
25) 2-Butanone	4.550	43	515904	247.190	ug/l	98
26) 2,2-Dichloropropane	4.477	77	128192	38.475	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	119031	49.489	ug/l	92
28) Bromochloromethane	4.898	49	95795	51.945	ug/l	98
29) Tetrahydrofuran	5.001	42	345303	260.572	ug/l	97
30) Chloroform	5.093	83	185927	49.572	ug/l	97
31) Cyclohexane	5.465	56	169361	49.064	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	164771	50.719	ug/l	98
36) 1,1-Dichloropropene	5.690	75	139155	46.797	ug/l	98
37) Ethyl Acetate	4.715	43	178641	46.111	ug/l	98
38) Carbon Tetrachloride	5.678	117	135964	49.472	ug/l	96
39) Methylcyclohexane	7.379	83	171535	44.224	ug/l	97
40) Benzene	6.038	78	424136	48.224	ug/l	99

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41) Methacrylonitrile	4.916	41	101014	50.273	ug/l		93
42) 1,2-Dichloroethane	6.086	62	145099	49.795	ug/l		96
43) Isopropyl Acetate	6.336	43	294467	47.560	ug/l		97
44) Trichloroethene	7.123	130	314143	146.742	ug/l		97
45) 1,2-Dichloropropane	7.428	63	116329	49.150	ug/l		99
46) Dibromomethane	7.580	93	78293	49.604	ug/l		97
47) Bromodichloromethane	7.818	83	150188	47.942	ug/l		98
48) Methyl methacrylate	7.690	41	139964	46.592	ug/l		91
49) 1,4-Dioxane	7.659	88	62993	1083.898	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.574	43	990882	250.431	ug/l		98
52) Toluene	8.720	92	261165	47.852	ug/l		95
53) t-1,3-Dichloropropene	8.976	75	172988	46.467	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	181896	47.302	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	109830	48.228	ug/l		95
56) Ethyl methacrylate	9.116	69	187412	48.639	ug/l		95
57) 1,3-Dichloropropane	9.305	76	184813	49.071	ug/l		100
59) 2-Hexanone	9.427	43	780143	245.993	ug/l		96
60) Dibromochloromethane	9.519	129	112587	48.622	ug/l		100
61) 1,2-Dibromoethane	9.610	107	114650	47.978	ug/l		98
64) Tetrachloroethene	9.275	164	75158	45.270	ug/l		98
65) Chlorobenzene	10.080	112	269201	46.789	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	98975	47.822	ug/l		97
67) Ethyl Benzene	10.195	91	508496	48.104	ug/l		100
68) m/p-Xylenes	10.299	106	378888	94.754	ug/l		98
69) o-Xylene	10.640	106	188541	47.652	ug/l		99
70) Styrene	10.653	104	316382	47.347	ug/l		98
71) Bromoform	10.799	173	83034	48.126	ug/l	#	100
73) Isopropylbenzene	10.964	105	492392	48.300	ug/l		100
74) N-amyl acetate	10.842	43	249046	46.214	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	191065	48.011	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	159141m	48.749	ug/l		
77) Bromobenzene	11.195	156	109118	47.636	ug/l		96
78) n-propylbenzene	11.305	91	595241	47.436	ug/l		98
79) 2-Chlorotoluene	11.366	91	350811	47.108	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	415906	48.521	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	64882	44.085	ug/l	#	80
82) 4-Chlorotoluene	11.451	91	406199	47.305	ug/l		100
83) tert-Butylbenzene	11.713	119	402480	47.676	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	413384	47.647	ug/l		99
85) sec-Butylbenzene	11.890	105	525070	47.550	ug/l		99
86) p-Isopropyltoluene	12.006	119	415543	46.878	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	212997	47.484	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	212785	46.348	ug/l		100
89) n-Butylbenzene	12.329	91	404757	45.257	ug/l		98
90) Hexachloroethane	12.536	117	83880	47.385	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	205001	48.184	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48034	49.265	ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	130689	45.839	ug/l		97
94) Hexachlorobutadiene	13.725	225	44274	43.852	ug/l		99
95) Naphthalene	13.774	128	497843	46.885	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	125278	46.354	ug/l		98

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

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

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