Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021902.D
Acq On : 13 Sep 2024 10:24
Operator : RC/JU
Sample : P3391-02
Misc : SFAM-MDL-Q3-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 04:44:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2024-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	96798	20.000	ng/ul	0.02
20) Naphthalene-d8	10.522	136	516484	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.363	164	370553	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	863937	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	960881	20.000	ng/ul	0.00
88) Perylene-d12	24.915	264	831460	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14763	4.933	ng/uL	0.00
4) Pyridine-d5	3.675	84	197770	22.447	ng/ul	0.01
7) Phenol-d5	6.928	99	160655	19.424	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.087	67	97779	20.354	ng/ul	0.02
11) 2-Chlorophenol-d4	7.293	132	130546	22.674	ng/ul	0.02
15) 4-Methylphenol-d8	8.446	113	173034	26.203	ng/ul	0.02
21) Nitrobenzene-d5	8.893	128	88182	27.414	ng/ul	0.02
24) 2-Nitrophenol-d4	9.604	143	94239	25.772	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.152	165	186543	23.036	ng/ul	0.02
31) 4-Chloroaniline-d4	10.651	131	244279	20.699	ng/ul	0.01
46) Dimethylphthalate-d6	13.775	166	608470	21.857	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	662782	21.704	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	101906	19.364	ng/ul	0.00
60) Fluorene-d10	15.375	176	554084	20.939	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	86414	17.483	ng/ul	0.00
73) Anthracene-d10	17.257	188	777126	19.365	ng/ul	0.00
81) Pyrene-d10	19.633	212	1142637	21.493	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.698	264	942112	21.773	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	3555m	1.106	ng/uL	
5) Pyridine	3.699	79	39863	4.525	ng/ul#	80
6) Benzaldehyde	6.905	77	20863m	4.823	ng/ul	
8) Phenol	6.958	94	30811	3.591	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.175	93	26149	4.061	ng/ul	93
12) 2-Chlorophenol	7.322	128	26721	4.512	ng/ul	96
13) 2-Methylphenol	8.193	108	24862	4.098	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.275	45	44634	6.377	ng/ul	97
16) Acetophenone	8.563	105	59669	5.603	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.546	70	28074	5.514	ng/ul	97
18) 4-Methylphenol	8.510	108	34474	5.065	ng/ul	94
19) Hexachloroethane	8.822	117	16293	5.800	ng/ul	97
22) Nitrobenzene	8.934	77	46540	5.401	ng/ul	94
23) Isophorone	9.463	82	74627	4.644	ng/ul	99
25) 2-Nitrophenol	9.640	139	19606	4.845	ng/ul	97
26) 2,4-Dimethylphenol	9.704	107	18731	2.178	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.934	93	49089	4.989	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	37646	4.544	ng/ul	97
30) Naphthalene	10.569	128	121814	4.430	ng/ul	100
32) 4-Chloroaniline	10.675	127	46978	4.043	ng/ul	98
33) Hexachlorobutadiene	10.863	225	28726	4.353	ng/ul	99
34) Caprolactam	11.457	113	14681	5.112	ng/ul	84
35) 4-Chloro-3-methylphenol	11.804	107	33370	3.563	ng/ul	96
36) 2-Methylnaphthalene	12.187	142	84466	4.186	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	86488	4.206	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.557	216	52795	4.184	ng/ul	97
40) Hexachlorocyclopentadiene	12.534	237	29021	4.063	ng/ul	93
41) 2,4,6-Trichlorophenol	12.793	196	27023	3.484	ng/ul	96
42) 2,4,5-Trichlorophenol	12.863	196	30240	3.537	ng/ul	93
43) 1,1'-Biphenyl	13.193	154	116856	4.305	ng/ul	99
44) 2-Chloronaphthalene	13.234	162	94785	4.322	ng/ul	97
45) 2-Nitroaniline	13.434	65	20139	3.457	ng/ul	96
47) Dimethylphthalate	13.822	163	123427	4.376	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	18592	3.547	ng/ul	96
50) Acenaphthylene	14.087	152	146846	4.525	ng/ul	99
51) 3-Nitroaniline	14.269	138	17175	3.233	ng/ul#	98
52) Acenaphthene	14.434	153	100876	4.334	ng/ul	96
53) 2,4-Dinitrophenol	14.475	184	14434	4.357	ng/ul	93
55) 4-Nitrophenol	14.587	109	20013m	4.236	ng/ul	
56) Dibenzofuran	14.775	168	149138	4.376	ng/ul	99
57) 2,4-Dinitrotoluene	14.734	165	29383	3.576	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.004	232	27333	3.712	ng/ul	98
59) Diethylphthalate	15.198	149	115282	4.071	ng/ul	100
61) Fluorene	15.428	166	122491	4.099	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.428	204	65133	4.185	ng/ul	94
63) 4-Nitroaniline	15.439	138	19950	3.386	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.504	198	20815	3.813	ng/ul#	90
67) N-Nitrosodiphenylamine	15.634	169	100106	4.201	ng/ul	96
68) 4-Bromophenyl-phenylether	16.334	248	37178	4.126	ng/ul	97
69) Hexachlorobenzene	16.451	284	46592	4.308	ng/ul	94
70) Atrazine	16.610	200	37060	3.963	ng/ul	96
71) Pentachlorophenol	16.804	266	37912	5.368	ng/ul	97
72) Phenanthrene	17.198	178	202181	4.320	ng/ul	99
74) Anthracene	17.292	178	180834	3.823	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	50684	4.192	ng/uL	96
76) Pentachlorobenzene	14.692	250	55193	4.562	ng/uL	97
77) Carbazole	17.575	167	171380	4.046	ng/ul	100
78) Di-n-butylphthalate	18.169	149	177953	3.822	ng/ul	99
80) Fluoranthene	19.286	202	255238	4.168	ng/ul	100
82) Pyrene	19.663	202	278659	4.193	ng/ul	98
83) Butylbenzylphthalate	20.610	149	80360	3.517	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	73844	3.430	ng/ul	99
85) Benzo(a)anthracene	21.574	228	277408	4.087	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.522	149	114510	3.469	ng/ul	97
87) Chrysene	21.639	228	278189	4.285	ng/ul	100
89) Di-n-octyl phthalate	22.792	149	177177	3.996	ng/ul	100
90) Benzo(b)fluoranthene	23.868	252	282681	5.475	ng/ul	100
91) Benzo(k)fluoranthene	23.933	252	296425	5.811	ng/ul	100
93) Benzo(a)pyrene	24.768	252	202680	4.252	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.686	276	350708	5.856	ng/ul	99
95) Dibenzo(a,h)anthracene	28.768	278	299133m	6.201	ng/ul	
96) Benzo(g,h,i)perylene	29.845	276	288620	6.094	ng/ul	97

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

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