Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
Data File : BP015120.D
Acq On : 16 May 2023 21:57
Operator : CG/JU
Sample : PB152800BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 17 01:18:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 01:39:21 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS800

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	327126	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.963	136	1515952	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.774	164	940886	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.527	188	1993770	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1745459	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1786134	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	49650	5.897	ng/uL	0.00
4) Pyridine-d5	3.869	84	739047	30.967	ng/ul	0.00
7) Phenol-d5	7.281	99	1022395	33.661	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.451	67	631223	35.984	ng/ul	0.00
11) 2-Chlorophenol-d4	7.657	132	775413	34.722	ng/ul	0.00
15) 4-Methylphenol-d8	8.845	113	844653	34.900	ng/ul	0.00
21) Nitrobenzene-d5	9.310	128	395421	33.194	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	440084	33.202	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.575	165	809683	33.853	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.098	131	1116246	31.543	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	2493050	35.065	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	2863158	35.210	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	527208	38.187	ng/ul	0.00
60) Fluorene-d10	15.763	176	2086395	34.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.886	200	448838	35.722	ng/ul	0.00
73) Anthracene-d10	17.627	188	3361816	36.823	ng/ul	0.00
81) Pyrene-d10	19.845	212	3807795	37.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.003	264	3360988	37.906	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	99879	11.040	ng/uL	98
5) Pyridine	3.893	79	708547	28.547	ng/ul	97
6) Benzaldehyde	7.263	77	506123	60.626	ng/ul	99
8) Phenol	7.310	94	1038065	33.330	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.545	93	814115	32.672	ng/ul	98
12) 2-Chlorophenol	7.687	128	762031	32.261	ng/ul	97
13) 2-Methylphenol	8.575	108	776353	32.252	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.663	45	1077841	34.525	ng/ul	98
16) Acetophenone	8.969	105	1274811	33.749	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.951	70	652711	32.948	ng/ul	98
18) 4-Methylphenol	8.910	108	871420	32.891	ng/ul	100
19) Hexachloroethane	9.228	117	305165	31.640	ng/ul	99
22) Nitrobenzene	9.351	77	955608	32.481	ng/ul	99
23) Isophorone	9.881	82	1882759	31.134	ng/ul	99
25) 2-Nitrophenol	10.069	139	457031	31.444	ng/ul	97
26) 2,4-Dimethylphenol	10.122	107	896841	30.921	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.363	93	1173193	31.885	ng/ul	98
29) 2,4-Dichlorophenol	10.604	162	771073	31.916	ng/ul	98
30) Naphthalene	11.016	128	2590931	31.437	ng/ul	99
32) 4-Chloroaniline	11.122	127	883698	24.297	ng/ul	100
33) Hexachlorobutadiene	11.292	225	434848	29.864	ng/ul	100
34) Caprolactam	11.904	113	274015m	30.084	ng/ul	
35) 4-Chloro-3-methylphenol	12.233	107	880706	32.285	ng/ul	99
36) 2-Methylnaphthalene	12.610	142	1743981	31.405	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1801659	32.308	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.975	216	891187	31.670	ng/ul	97
40) Hexachlorocyclopentadiene	12.951	237	483587	26.524	ng/ul	99
41) 2,4,6-Trichlorophenol	13.210	196	605596	30.477	ng/ul	97
42) 2,4,5-Trichlorophenol	13.280	196	681503	31.632	ng/ul	100
43) 1,1'-Biphenyl	13.610	154	2362812	32.367	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1841646	32.304	ng/ul	100
45) 2-Nitroaniline	13.857	65	567463	34.788	ng/ul	95
47) Dimethylphthalate	14.222	163	2400111	32.414	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	488216	33.281	ng/ul	97
50) Acenaphthylene	14.498	152	2939686	32.400	ng/ul	100
51) 3-Nitroaniline	14.674	138	514661	38.962	ng/ul	94
52) Acenaphthene	14.833	153	2016093	32.534	ng/ul	99
53) 2,4-Dinitrophenol	14.880	184	290098	29.784	ng/ul	95
55) 4-Nitrophenol	14.980	109	363362	35.784	ng/ul	97
56) Dibenzofuran	15.169	168	2780272	32.257	ng/ul	99
57) 2,4-Dinitrotoluene	15.133	165	731270	34.450	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.392	232	565449	31.098	ng/ul	98
59) Diethylphthalate	15.580	149	2449554	33.169	ng/ul	100
61) Fluorene	15.821	166	2258729	32.609	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.804	204	1083500	32.015	ng/ul	98
63) 4-Nitroaniline	15.845	138	570594	50.022	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.898	198	431136	33.247	ng/ul	99
67) N-Nitrosodiphenylamine	16.021	169	1969148	33.589	ng/ul	100
68) 4-Bromophenyl-phenylether	16.704	248	670519	32.651	ng/ul	99
69) Hexachlorobenzene	16.827	284	780894	32.177	ng/ul	99
70) Atrazine	16.974	200	420273	19.395	ng/ul	99
71) Pentachlorophenol	17.168	266	473926	31.220	ng/ul	99
72) Phenanthrene	17.568	178	3661921	33.729	ng/ul	99
74) Anthracene	17.663	178	3804217	34.651	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	909015	32.156	ng/uL	99
76) Pentachlorobenzene	15.086	250	885823	31.209	ng/uL	99
77) Carbazole	17.927	167	3517208	36.535	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4225054	34.080	ng/ul	100
80) Fluoranthene	19.521	202	4307448	34.910	ng/ul	100
82) Pyrene	19.874	202	4505927	35.363	ng/ul	99
83) Butylbenzylphthalate	20.721	149	1859801	32.924	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.509	252	1390596	36.275	ng/ul	97
85) Benzo(a)anthracene	21.586	228	4171805	34.566	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	2669895	32.830	ng/ul	100
87) Chrysene	21.645	228	4000122	34.672	ng/ul	100
89) Di-n-octyl phthalate	22.462	149	4554352	37.231	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	4041524	35.692	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	4033598	37.098	ng/ul	99
93) Benzo(a)pyrene	24.056	252	3499546	34.966	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.891	276	3894264	30.050	ng/ul	99
95) Dibenzo(a,h)anthracene	26.909	278	3274761	30.784	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	3062060	28.976	ng/ul	99

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

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