Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013180.D
Acq On : 20 Dec 2022 22:46
Operator : CG/JU
Sample : PB149720BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS720

Quant Time: Dec 20 23:29:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	444872	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1756362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	992245	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1918841	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1851133	20.000	ng/ul	0.00
88) Perylene-d12	23.916	264	2349587	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	79893	7.679	ng/uL	0.00
4) Pyridine-d5	3.764	84	1119577	37.879	ng/ul	0.00
7) Phenol-d5	7.117	99	1414286	39.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	838111	38.342	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	1135757	39.816	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	1087829	36.639	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	541035	41.926	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	624263	42.970	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1138792	40.356	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	1407078	35.321	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	2827988	37.084	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	3329225	39.730	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	499849	36.439	ng/ul	0.00
60) Fluorene-d10	15.587	176	2407691	37.320	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	474659	38.440	ng/ul	0.00
73) Anthracene-d10	17.451	188	3521726	40.682	ng/ul	0.00
81) Pyrene-d10	19.681	212	4044752	38.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	4823252	41.185	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	157081	14.462	ng/uL#	90
5) Pyridine	3.787	79	1126139	38.336	ng/ul	99
6) Benzaldehyde	7.087	77	845993	59.624	ng/ul	97
8) Phenol	7.140	94	1451494	39.617	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	1135758	37.769	ng/ul	98
12) 2-Chlorophenol	7.516	128	1160112	39.659	ng/ul	97
13) 2-Methylphenol	8.399	108	1086121	38.025	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1649703	39.979	ng/ul	99
16) Acetophenone	8.787	105	1698114	37.301	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	847568	37.023	ng/ul	97
18) 4-Methylphenol	8.728	108	1173503	37.092	ng/ul	96
19) Hexachloroethane	9.040	117	456535	39.055	ng/ul	98
22) Nitrobenzene	9.169	77	1279112	42.241	ng/ul	99
23) Isophorone	9.699	82	2340532	38.225	ng/ul	99
25) 2-Nitrophenol	9.881	139	661858	42.046	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	1180479	38.435	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	1464696	37.411	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	1119278	40.492	ng/ul	99
30) Naphthalene	10.816	128	3551419	38.663	ng/ul	99
32) 4-Chloroaniline	10.928	127	1373614	34.844	ng/ul	100
33) Hexachlorobutadiene	11.099	225	791957	41.728	ng/ul	99
34) Caprolactam	11.722	113	303236	32.173	ng/ul	95
35) 4-Chloro-3-methylphenol	12.052	107	1075487	38.125	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	2337171	37.089	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	2334540	36.024	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	1426108	44.635	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	690786	33.224	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	892256	43.454	ng/ul	99
42) 2,4,5-Trichlorophenol	13.099	196	954631	43.282	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	3050070	40.929	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	2441014	41.619	ng/ul	100
45) 2-Nitroaniline	13.681	65	654011	45.992	ng/ul	98
47) Dimethylphthalate	14.051	163	2860610	37.847	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	588043	41.864	ng/ul	97
50) Acenaphthylene	14.316	152	3617422	40.155	ng/ul	99
51) 3-Nitroaniline	14.504	138	589796	44.468	ng/ul	99
52) Acenaphthene	14.657	153	2463429	39.460	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	332683	34.649	ng/ul	98
55) 4-Nitrophenol	14.810	109	370183	39.550	ng/ul	96
56) Dibenzofuran	14.993	168	3439180	38.747	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	806964	39.550	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.222	232	801122	39.801	ng/ul	97
59) Diethylphthalate	15.410	149	2659831	36.201	ng/ul	99
61) Fluorene	15.645	166	2749172	38.621	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	1461760	38.831	ng/ul	99
63) 4-Nitroaniline	15.669	138	587680	50.353	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.722	198	490302	40.632	ng/ul	98
67) N-Nitrosodiphenylamine	15.851	169	2303719	43.304	ng/ul	100
68) 4-Bromophenyl-phenylether	16.534	248	894527	42.927	ng/ul	97
69) Hexachlorobenzene	16.651	284	1055306	42.651	ng/ul	99
70) Atrazine	16.804	200	729534	35.191	ng/ul	99
71) Pentachlorophenol	16.998	266	630467	42.075	ng/ul	99
72) Phenanthrene	17.392	178	4147899	41.502	ng/ul	100
74) Anthracene	17.487	178	4193492	42.021	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	1408088	51.434	ng/uL	100
76) Pentachlorobenzene	14.910	250	1263799	45.278	ng/uL	99
77) Carbazole	17.757	167	3665434	43.614	ng/ul	100
78) Di-n-butylphthalate	18.298	149	4074368	39.816	ng/ul	100
80) Fluoranthene	19.357	202	4816621	39.940	ng/ul	98
82) Pyrene	19.710	202	5005591	40.237	ng/ul	98
83) Butylbenzylphthalate	20.575	149	1853494	38.567	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	1844688	44.112	ng/ul	100
85) Benzo(a)anthracene	21.422	228	5245700	42.687	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.328	149	2617000	38.603	ng/ul	100
87) Chrysene	21.480	228	4944296	42.546	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	4852142	36.862	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	6097018	40.694	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	5707814	38.418	ng/ul	99
93) Benzo(a)pyrene	23.810	252	5362407	41.104	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.515	276	7295805	44.897	ng/ul	99
95) Dibenzo(a,h)anthracene	26.533	278	6211228	46.165	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	6115881	46.880	ng/ul	98

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

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