Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013168.D
Acq On : 20 Dec 2022 15:55
Operator : CG/JU
Sample : PB149667BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS667

Quant Time: Dec 20 21:47:12 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	7.957	152	545812	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	2219758	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1279851	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	2416205	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2038531	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2539885	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	78890	6.180	ng/uL	0.00
4) Pyridine-d5	3.764	84	1154662	31.841	ng/ul	0.00
7) Phenol-d5	7.116	99	1512573	34.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	902256	33.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	1202389	34.356	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	1166678	32.027	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	585409	35.895	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	673014	36.655	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1220500	34.223	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	1538720	30.562	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	3120368	31.723	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	3673834	33.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	534141	30.189	ng/ul	0.00
60) Fluorene-d10	15.592	176	2634673	31.661	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	503738	32.397	ng/ul	0.00
73) Anthracene-d10	17.457	188	3711347	34.047	ng/ul	0.00
81) Pyrene-d10	19.686	212	3974115	33.963	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	4423248	34.939	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	163364	12.259	ng/uL	95
5) Pyridine	3.787	79	1148680	31.872	ng/ul	98
6) Benzaldehyde	7.093	77	904804	51.976	ng/ul	98
8) Phenol	7.146	94	1559706	34.698	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	1228813	33.307	ng/ul	97
12) 2-Chlorophenol	7.516	128	1232290	34.336	ng/ul	96
13) 2-Methylphenol	8.399	108	1178315	33.624	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	1779848	35.157	ng/ul	98
16) Acetophenone	8.787	105	1840335	32.949	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.775	70	926081	32.972	ng/ul	97
18) 4-Methylphenol	8.734	108	1270571	32.733	ng/ul	99
19) Hexachloroethane	9.040	117	483271	33.697	ng/ul	100
22) Nitrobenzene	9.169	77	1373561	35.891	ng/ul	99
23) Isophorone	9.699	82	2571937	33.236	ng/ul	99
25) 2-Nitrophenol	9.881	139	715932	35.987	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	1236812	31.863	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	1617809	32.696	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	1205114	34.496	ng/ul	99
30) Naphthalene	10.822	128	3874490	33.375	ng/ul	99
32) 4-Chloroaniline	10.934	127	1505621	30.220	ng/ul	99
33) Hexachlorobutadiene	11.104	225	838188	34.944	ng/ul	99
34) Caprolactam	11.722	113	330840	27.774	ng/ul	98
35) 4-Chloro-3-methylphenol	12.051	107	1187750	33.315	ng/ul	99
36) 2-Methylnaphthalene	12.428	142	2577207	32.360	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	2553927	31.182	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	1540689	37.385	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	731053	27.259	ng/ul	98
41) 2,4,6-Trichlorophenol	13.034	196	977177	36.895	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	1048794	36.866	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	3362085	34.977	ng/ul	100
44) 2-Chloronaphthalene	13.475	162	2676129	35.374	ng/ul	100
45) 2-Nitroaniline	13.681	65	721997	39.363	ng/ul	97
47) Dimethylphthalate	14.051	163	3166074	32.476	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	647645	35.746	ng/ul	99
50) Acenaphthylene	14.322	152	3974103	34.201	ng/ul	99
51) 3-Nitroaniline	14.504	138	646859	37.811	ng/ul	99
52) Acenaphthene	14.663	153	2713124	33.694	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	356961	28.823	ng/ul	100
55) 4-Nitrophenol	14.810	109	397346	32.913	ng/ul	96
56) Dibenzofuran	14.998	168	3771938	32.947	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	876713	33.313	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.222	232	848817	32.694	ng/ul	98
59) Diethylphthalate	15.416	149	2903111	30.633	ng/ul	99
61) Fluorene	15.645	166	3001778	32.693	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	1590439	32.755	ng/ul	100
63) 4-Nitroaniline	15.669	138	629287	41.802	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.728	198	508929	33.494	ng/ul	99
67) N-Nitrosodiphenylamine	15.851	169	2531693	37.794	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	965462	36.794	ng/ul	98
69) Hexachlorobenzene	16.657	284	1122652	36.033	ng/ul	98
70) Atrazine	16.810	200	758675	29.063	ng/ul	98
71) Pentachlorophenol	16.998	266	649217	34.408	ng/ul	99
72) Phenanthrene	17.398	178	4420894	35.128	ng/ul	100
74) Anthracene	17.492	178	4394838	34.974	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	1524980	44.237	ng/uL	100
76) Pentachlorobenzene	14.916	250	1371006	39.008	ng/uL	99
77) Carbazole	17.757	167	3809566	35.998	ng/ul	100
78) Di-n-butylphthalate	18.298	149	4170844	32.369	ng/ul	100
80) Fluoranthene	19.357	202	4712688	35.485	ng/ul	99
82) Pyrene	19.716	202	4881835	35.635	ng/ul	98
83) Butylbenzylphthalate	20.574	149	1705548	32.226	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	1637136	35.550	ng/ul	100
85) Benzo(a)anthracene	21.427	228	4857239	35.892	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	2362121	31.640	ng/ul	100
87) Chrysene	21.480	228	4613255	36.048	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	4249314	29.863	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	5440165	33.589	ng/ul	100
91) Benzo(k)fluoranthene	23.215	252	5439911	33.872	ng/ul	100
93) Benzo(a)pyrene	23.815	252	4986881	35.362	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	6887704	39.210	ng/ul	99
95) Dibenzo(a,h)anthracene	26.539	278	5862360	40.307	ng/ul	100
96) Benzo(g,h,i)perylene	27.321	276	5802266	41.144	ng/ul	99

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

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