Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
Data File : BP020025.D
Acq On : 29 Mar 2024 01:14
Operator : MA/JU
Sample : PB159842BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS842

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :Jagrut Upadhyay 03/29/2024

Quant Time: Mar 29 01:46:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 14:08:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	103490	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	405932	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	274043	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.080	188	584855	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	603507	20.000	ng/ul	0.00
88) Perylene-d12	24.839	264	693145m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	18291	7.744	ng/uL	0.00
4) Pyridine-d5	3.640	84	134721	18.889	ng/ul	0.00
7) Phenol-d5	6.799	99	315189	36.111	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	207391	36.470	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	228319	36.425	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	239061	35.402	ng/ul	0.00
21) Nitrobenzene-d5	8.763	128	112081	36.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	127743	36.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	237349	37.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	72821	8.786	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	706736	36.783	ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	802621	35.760	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	116289	38.499	ng/ul	0.00
60) Fluorene-d10	15.257	176	596931	36.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	135294	38.646	ng/ul	0.00
73) Anthracene-d10	17.169	188	953175	36.817	ng/ul	0.00
81) Pyrene-d10	19.569	212	1198190	33.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	1255564	37.705	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	39279	14.572	ng/uL	95
5) Pyridine	3.658	79	277560	38.180	ng/ul	97
6) Benzaldehyde	6.787	77	102215	23.683	ng/ul	98
8) Phenol	6.822	94	332346	36.420	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.063	93	267240	36.161	ng/ul	98
12) 2-Chlorophenol	7.181	128	243235	36.821	ng/ul	94
13) 2-Methylphenol	8.051	108	240161	36.509	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	382958	37.686	ng/ul	99
16) Acetophenone	8.434	105	399650	36.691	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.410	70	224407	36.938	ng/ul	99
18) 4-Methylphenol	8.369	108	255501	36.087	ng/ul	99
19) Hexachloroethane	8.657	117	112456	36.651	ng/ul	96
22) Nitrobenzene	8.804	77	333836	37.669	ng/ul	99
23) Isophorone	9.322	82	610668	36.966	ng/ul	100
25) 2-Nitrophenol	9.498	139	136866	37.714	ng/ul	95
26) 2,4-Dimethylphenol	9.551	107	292169	36.880	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.798	93	356535	36.909	ng/ul	98
29) 2,4-Dichlorophenol	10.022	162	230247	37.020	ng/ul	100
30) Naphthalene	10.416	128	761623	36.572	ng/ul	100
32) 4-Chloroaniline	10.540	127	183495	22.560	ng/ul	96
33) Hexachlorobutadiene	10.675	225	182313	37.197	ng/ul	98
34) Caprolactam	11.345	113	78645m	40.680	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	275770	39.915	ng/ul	98
36) 2-Methylnaphthalene	12.028	142	512829	36.986	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.245	142	515300	37.159	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.398	216	319084	35.217	ng/ul	99
40) Hexachlorocyclopentadiene	12.363	237	174224	33.981	ng/ul	98
41) 2,4,6-Trichlorophenol	12.651	196	195275	35.083	ng/ul	97
42) 2,4,5-Trichlorophenol	12.734	196	210224	36.516	ng/ul	98
43) 1,1'-Biphenyl	13.057	154	686861	34.610	ng/ul	100
44) 2-Chloronaphthalene	13.098	162	565819	35.354	ng/ul	100
45) 2-Nitroaniline	13.328	65	200482	39.768	ng/ul	98
47) Dimethylphthalate	13.698	163	721136	37.184	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	149844	38.055	ng/ul	97
50) Acenaphthylene	13.969	152	904733	36.045	ng/ul	99
51) 3-Nitroaniline	14.169	138	138867	38.295	ng/ul	93
52) Acenaphthene	14.316	153	594424	35.649	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	90185	40.244	ng/ul	97
55) 4-Nitrophenol	14.492	109	114461	41.293	ng/ul	91
56) Dibenzofuran	14.657	168	836611	36.944	ng/ul	97
57) 2,4-Dinitrotoluene	14.651	165	223095	41.440	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.886	232	181529	36.769	ng/ul	98
59) Diethylphthalate	15.104	149	743496	38.659	ng/ul	99
61) Fluorene	15.316	166	683744	37.020	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	370570	37.459	ng/ul	98
63) 4-Nitroaniline	15.375	138	147970	47.778	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.433	198	142643	38.393	ng/ul	95
67) N-Nitrosodiphenylamine	15.545	169	572207	35.420	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	228416	35.985	ng/ul	95
69) Hexachlorobenzene	16.351	284	258230	36.638	ng/ul	99
70) Atrazine	16.539	200	18322	2.960	ng/ul	97
71) Pentachlorophenol	16.710	266	146977	35.573	ng/ul	99
72) Phenanthrene	17.116	178	1113019	36.808	ng/ul	100
74) Anthracene	17.204	178	1147218	37.365	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	316004	33.139	ng/uL	99
76) Pentachlorobenzene	14.557	250	297134	33.647	ng/uL	98
77) Carbazole	17.510	167	1026173	39.086	ng/ul	98
78) Di-n-butylphthalate	18.098	149	1323964	40.387	ng/ul	99
80) Fluoranthene	19.216	202	1431760	34.425	ng/ul	98
82) Pyrene	19.598	202	1485173	34.358	ng/ul	99
83) Butylbenzylphthalate	20.574	149	636418	36.258	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	259264	20.201	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1587199	38.004	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	951633	37.104	ng/ul	97
87) Chrysene	21.592	228	1479290	38.098	ng/ul	99
89) Di-n-octyl phthalate	22.745	149	1691909	38.486	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	1584123	38.981	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	1609694	38.978	ng/ul	99
93) Benzo(a)pyrene	24.686	252	1529239	38.903	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	1816810m	36.695	ng/ul	
95) Dibenzo(a,h)anthracene	28.668	278	1525460	37.877	ng/ul	98
96) Benzo(g,h,i)perylene	29.727	276	1482685	37.075	ng/ul	98

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

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