Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012913.D
Acq On : 01 Dec 2022 12:01
Operator : CG/JU
Sample : N5737-02MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4345MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

Quant Time: Dec 01 21:36:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	407922	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1705328	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1076035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2336717	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	2389079	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	2385300	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	58771m	6.174	ng/uL	0.00
4) Pyridine-d5	3.822	84	382263	13.418	ng/ul	0.00
7) Phenol-d5	7.158	99	295326	8.810	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	668467	32.364	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	701910	27.481	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	496775	18.394	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	407581	39.049	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	432491	39.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	870045	33.646	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1028498	29.045	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2783148	37.577	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	3114027	36.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	172903	13.094	ng/ul	0.00
60) Fluorene-d10	15.634	176	2462990	37.971	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	481807	43.140	ng/ul	0.00
73) Anthracene-d10	17.498	188	3938293	38.288	ng/ul	0.00
81) Pyrene-d10	19.722	212	4715202	33.967	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	4637299	39.580	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	728874	71.294	ng/uL	100
5) Pyridine	3.840	79	412458	14.797	ng/ul	98
6) Benzaldehyde	7.140	77	624899m	38.181	ng/ul	
8) Phenol	7.187	94	315967	8.990	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	897684	31.171	ng/ul	100
12) 2-Chlorophenol	7.569	128	734337	26.430	ng/ul	98
13) 2-Methylphenol	8.446	108	559121	20.468	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1239417	29.838	ng/ul	100
16) Acetophenone	8.834	105	1353608	31.622	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.816	70	645162	30.596	ng/ul	98
18) 4-Methylphenol	8.775	108	549822	18.276	ng/ul	97
19) Hexachloroethane	9.099	117	337963	31.720	ng/ul	94
22) Nitrobenzene	9.216	77	977427	35.705	ng/ul	99
23) Isophorone	9.746	82	1863058	30.871	ng/ul	99
25) 2-Nitrophenol	9.934	139	468319	35.204	ng/ul	97
26) 2,4-Dimethylphenol	9.987	107	846844	28.648	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	1178139	31.842	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	846580	31.603	ng/ul	98
30) Naphthalene	10.875	128	2860723	32.036	ng/ul	99
32) 4-Chloroaniline	10.981	127	1007534	27.704	ng/ul	100
33) Hexachlorobutadiene	11.157	225	557588	31.250	ng/ul	100
34) Caprolactam	11.769	113	51569m	6.269	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	811244	29.905	ng/ul	97
36) 2-Methylnaphthalene	12.475	142	1971730	32.065	ng/ul	100

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	1995254	32.376	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.840	216	1129560	32.919	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	504763	30.530	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	753085	35.077	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	827427	35.851	ng/ul	98
43) 1,1'-Biphenyl	13.481	154	2653425	33.851	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	2119498	33.799	ng/ul	100
45) 2-Nitroaniline	13.722	65	577899	47.101	ng/ul	95
47) Dimethylphthalate	14.098	163	2807538	36.162	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	544847	44.842	ng/ul	99
50) Acenaphthylene	14.369	152	3304845	34.973	ng/ul	100
51) 3-Nitroaniline	14.545	138	529877	37.655	ng/ul	97
52) Acenaphthene	14.710	153	2325638	34.957	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	287572	36.832	ng/ul	99
55) 4-Nitrophenol	14.845	109	101561	10.586	ng/ul	99
56) Dibenzofuran	15.039	168	3307721	36.071	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	774596	43.201	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.263	232	742341	37.317	ng/ul	99
59) Diethylphthalate	15.457	149	2797198	37.220	ng/ul	99
61) Fluorene	15.692	166	2742491	37.293	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	1416941	37.136	ng/ul	98
63) 4-Nitroaniline	15.710	138	547305	45.634	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.763	198	461730	38.516	ng/ul	98
67) N-Nitrosodiphenylamine	15.898	169	2371896	35.716	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	853956	37.131	ng/ul	99
69) Hexachlorobenzene	16.698	284	1051248	35.863	ng/ul	98
70) Atrazine	16.851	200	797630	35.007	ng/ul	98
71) Pentachlorophenol	17.039	266	630927	35.050	ng/ul	98
72) Phenanthrene	17.439	178	4513773	36.244	ng/ul	99
74) Anthracene	17.533	178	4540214	36.850	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	1147393	31.762	ng/uL	100
76) Pentachlorobenzene	14.957	250	1148950	30.596	ng/uL	99
77) Carbazole	17.798	167	4208343	40.376	ng/ul	100
78) Di-n-butylphthalate	18.345	149	4961844	40.214	ng/ul	100
80) Fluoranthene	19.398	202	5509315	31.907	ng/ul	99
82) Pyrene	19.757	202	5650223	31.638	ng/ul	96
83) Butylbenzylphthalate	20.622	149	2227718	53.306	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.392	252	463724	10.570	ng/ul	99
85) Benzo(a)anthracene	21.469	228	5646585	34.172	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	3215347	50.310	ng/ul	100
87) Chrysene	21.521	228	5311652	33.246	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	5346610	39.251	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	5885467	33.320	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	5640027	31.989	ng/ul	99
93) Benzo(a)pyrene	23.886	252	5094692	35.076	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	6316067	45.072	ng/ul	98
95) Dibenzo(a,h)anthracene	26.645	278	5551915	43.663	ng/ul	99
96) Benzo(g,h,i)perylene	27.433	276	5404802	44.841	ng/ul	99

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

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