Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050422\
Data File : BP010228.D
Acq On : 04 May 2022 18:00
Operator : CG/JU
Sample : N2668-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXL67MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 05 02:40:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 00:58:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	164332	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	717515	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	481703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	952099	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	690800	20.000	ng/ul	# 0.00
88) Perylene-d12	23.827	264	640846	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	16764	4.448	ng/uL	0.00
4) Pyridine-d5	3.775	84	93644	8.833	ng/ul	0.00
7) Phenol-d5	7.081	99	84580	5.658	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	318247	35.482	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	279072	25.210	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	177017	14.294	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	200718	35.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	207129	33.234	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	353858	29.165	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	465456	26.755	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1399197	37.341	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1526795	33.667	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	39560m	5.735	ng/ul	0.00
60) Fluorene-d10	15.545	176	1157958	35.925	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	225084	37.388	ng/ul	0.00
73) Anthracene-d10	17.404	188	1749515	37.982	ng/ul	0.00
81) Pyrene-d10	19.633	212	1796616	45.732	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1404297	41.799	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	17912	4.574	ng/uL#	26
5) Pyridine	3.793	79	103531	9.395	ng/ul#	42
6) Benzaldehyde	7.052	77	326844m	40.917	ng/ul	
8) Phenol	7.111	94	94504	6.292	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.340	93	393825	34.035	ng/ul#	77
12) 2-Chlorophenol	7.481	128	282290	25.281	ng/ul	95
13) 2-Methylphenol	8.363	108	204967	17.794	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	621128	36.175	ng/ul#	84
16) Acetophenone	8.740	105	620448	32.111	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.728	70	335199	33.111	ng/ul#	74
18) 4-Methylphenol	8.693	108	188220	14.841	ng/ul	94
19) Hexachloroethane	8.999	117	149422	31.846	ng/ul	83
22) Nitrobenzene	9.122	77	496403	35.503	ng/ul#	84
23) Isophorone	9.652	82	922121	33.391	ng/ul#	97
25) 2-Nitrophenol	9.834	139	219600	33.268	ng/ul#	85
26) 2,4-Dimethylphenol	9.899	107	334053	23.375	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.128	93	553160	34.174	ng/ul#	98
29) 2,4-Dichlorophenol	10.369	162	346267	29.689	ng/ul#	83
30) Naphthalene	10.769	128	1269247	33.798	ng/ul	97
32) 4-Chloroaniline	10.881	127	452626	26.402	ng/ul	100
33) Hexachlorobutadiene	11.063	225	276522	33.452	ng/ul	96
34) Caprolactam	11.663	113	13156m	3.136	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	369994	26.260	ng/ul#	71
36) 2-Methylnaphthalene	12.381	142	909223	33.383	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	933170	33.744	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.751	216	526016	35.345	ng/ul	94
40) Hexachlorocyclopentadiene	12.728	237	232604	27.734	ng/ul	93
41) 2,4,6-Trichlorophenol	12.987	196	330365	34.309	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.057	196	360684	34.427	ng/ul#	87
43) 1,1'-Biphenyl	13.387	154	1266722	35.654	ng/ul	93
44) 2-Chloronaphthalene	13.428	162	977710	35.561	ng/ul	93
45) 2-Nitroaniline	13.628	65	332832	37.333	ng/ul#	79
47) Dimethylphthalate	14.010	163	1339526	36.783	ng/ul#	92
48) 2,6-Dinitrotoluene	14.122	165	287135	38.421	ng/ul	95
50) Acenaphthylene	14.269	152	1581392	35.204	ng/ul	95
51) 3-Nitroaniline	14.451	138	238456	35.222	ng/ul#	84
52) Acenaphthene	14.616	153	1035023	35.434	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	128741	30.827	ng/ul#	78
55) 4-Nitrophenol	14.763	109	35233	5.879	ng/ul#	47
56) Dibenzofuran	14.951	168	1542060	35.652	ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	400109	36.647	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.175	232	327040	35.117	ng/ul#	87
59) Diethylphthalate	15.369	149	1415491	38.214	ng/ul	94
61) Fluorene	15.598	166	1267126	35.681	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.592	204	669715	35.834	ng/ul	97
63) 4-Nitroaniline	15.616	138	249552m	37.882	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	214939	37.005	ng/ul#	90
67) N-Nitrosodiphenylamine	15.804	169	1116222	40.860	ng/ul	95
68) 4-Bromophenyl-phenylether	16.492	248	415618	40.925	ng/ul	91
69) Hexachlorobenzene	16.610	284	467041	39.621	ng/ul#	91
70) Atrazine	16.763	200	442260	39.821	ng/ul#	89
71) Pentachlorophenol	16.951	266	258275m	34.404	ng/ul	
72) Phenanthrene	17.345	178	1994395	38.540	ng/ul	99
74) Anthracene	17.439	178	1997220	38.317	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	540608	38.894	ng/uL#	84
76) Pentachlorobenzene	14.875	250	539167	39.557	ng/uL	91
77) Carbazole	17.704	167	1687459	36.585	ng/ul#	97
78) Di-n-butylphthalate	18.257	149	2330279	41.065	ng/ul#	93
80) Fluoranthene	19.310	202	2119694	47.836	ng/ul	97
82) Pyrene	19.663	202	2091720	45.817	ng/ul#	94
83) Butylbenzylphthalate	20.527	149	854348	45.273	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.298	252	536845	43.190	ng/ul#	97
85) Benzo(a)anthracene	21.369	228	1785232	40.721	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	1204027	43.048	ng/ul#	82
87) Chrysene	21.422	228	1726082	39.986	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1854932	37.233	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1717913	39.875	ng/ul	100
91) Benzo(k)fluoranthene	23.133	252	1685942	41.312	ng/ul#	98
93) Benzo(a)pyrene	23.721	252	1666503	41.830	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.380	276	1844703	46.546	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.398	278	1599151	47.155	ng/ul#	94
96) Benzo(g,h,i)perylene	27.162	276	1603888	47.961	ng/ul#	90

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

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