Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
Data File : BP009901.D
Acq On : 16 Apr 2022 14:36
Operator : CG/JU
Sample : PB144145BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS145

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

Quant Time: Apr 18 01:13:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	128523	20.000	ng/ul		0.00
20) Naphthalene-d8	10.763	136	579473	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.586	164	415578	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.339	188	966429	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.421	240	1117567	20.000	ng/ul	#	0.00
88) Perylene-d12	23.886	264	1138247	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.381	96	17092	5.935	ng/uL		0.00
4) Pyridine-d5	3.793	84	226970	28.586	ng/ul		0.00
7) Phenol-d5	7.110	99	344262	30.510	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	213242	31.744	ng/ul		0.00
11) 2-Chlorophenol-d4	7.487	132	271754	31.929	ng/ul		0.00
15) 4-Methylphenol-d8	8.657	113	296476	31.475	ng/ul		0.00
21) Nitrobenzene-d5	9.110	128	143458	34.330	ng/ul		0.00
24) 2-Nitrophenol-d4	9.840	143	158662	34.632	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.381	165	296785	30.958	ng/ul		0.00
31) 4-Chloroaniline-d4	10.893	131	381625	27.949	ng/ul		0.00
46) Dimethylphthalate-d6	13.992	166	999878	30.630	ng/ul		0.00
49) Acenaphthylene-d8	14.281	160	1143959	29.579	ng/ul		0.00
54) 4-Nitrophenol-d4	14.775	143	197786	33.409	ng/ul		0.00
60) Fluorene-d10	15.581	176	866902	31.568	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	180944	31.605	ng/ul		0.00
73) Anthracene-d10	17.439	188	1449796	31.332	ng/ul		0.00
81) Pyrene-d10	19.669	212	1832529	30.024	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.727	264	1929772	32.556	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	32038	10.913	ng/uL	#	35
5) Pyridine	3.811	79	233235	28.154	ng/ul	#	42
6) Benzaldehyde	7.087	77	218571	31.585	ng/ul		96
8) Phenol	7.140	94	353645	31.311	ng/ul	#	94
10) Bis(2-Chloroethyl)ether	7.369	93	266497	30.291	ng/ul	#	78
12) 2-Chlorophenol	7.516	128	270296	31.500	ng/ul		92
13) 2-Methylphenol	8.393	108	272326	30.921	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	391602	30.113	ng/ul	#	84
16) Acetophenone	8.775	105	445166	29.997	ng/ul	#	81
17) N-Nitroso-di-n-propyla...	8.769	70	231857	30.134	ng/ul	#	74
18) 4-Methylphenol	8.722	108	297364	31.178	ng/ul		91
19) Hexachloroethane	9.046	117	111674	30.824	ng/ul	#	81
22) Nitrobenzene	9.157	77	348668	32.507	ng/ul	#	85
23) Isophorone	9.687	82	653537	29.569	ng/ul	#	97
25) 2-Nitrophenol	9.869	139	162023	33.159	ng/ul	#	86
26) 2,4-Dimethylphenol	9.928	107	353091	30.450	ng/ul	#	80
27) Bis(2-Chloroethoxy)met...	10.169	93	386047	29.750	ng/ul	#	97
29) 2,4-Dichlorophenol	10.404	162	289907	31.192	ng/ul	#	85
30) Naphthalene	10.810	128	908697	30.491	ng/ul		97
32) 4-Chloroaniline	10.916	127	366686	27.137	ng/ul		98
33) Hexachlorobutadiene	11.110	225	200354	29.931	ng/ul		97
34) Caprolactam	11.687	113	101304m	32.959	ng/ul		
35) 4-Chloro-3-methylphenol	12.034	107	352182	31.272	ng/ul	#	70
36) 2-Methylnaphthalene	12.416	142	662083	30.409	ng/ul		92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	673851	30.652	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.787	216	383278	30.145	ng/ul#	92
40) Hexachlorocyclopentadiene	12.775	237	218947	24.815	ng/ul	94
41) 2,4,6-Trichlorophenol	13.022	196	257589	31.724	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.092	196	286252	32.622	ng/ul#	87
43) 1,1'-Biphenyl	13.422	154	916520	30.226	ng/ul	94
44) 2-Chloronaphthalene	13.463	162	712707	30.578	ng/ul	93
45) 2-Nitroaniline	13.657	65	249823	36.574	ng/ul#	80
47) Dimethylphthalate	14.039	163	950218	30.243	ng/ul#	92
48) 2,6-Dinitrotoluene	14.157	165	202487	35.037	ng/ul	92
50) Acenaphthylene	14.310	152	1167494	30.590	ng/ul	95
51) 3-Nitroaniline	14.481	138	197879	32.936	ng/ul#	82
52) Acenaphthene	14.651	153	758234	30.343	ng/ul	97
53) 2,4-Dinitrophenol	14.686	184	107635	30.812	ng/ul#	81
55) 4-Nitrophenol	14.786	109	174521	32.024	ng/ul#	51
56) Dibenzofuran	14.986	168	1128017	30.671	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	302474	35.643	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.210	232	258856	32.354	ng/ul#	87
59) Diethylphthalate	15.410	149	985826	30.318	ng/ul	94
61) Fluorene	15.633	166	928655	30.656	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.628	204	486988	30.234	ng/ul	96
63) 4-Nitroaniline	15.645	138	227746	37.846	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.710	198	172250	30.268	ng/ul#	93
67) N-Nitrosodiphenylamine	15.839	169	824714	29.811	ng/ul	95
68) 4-Bromophenyl-phenylether	16.528	248	309532	29.589	ng/ul	91
69) Hexachlorobenzene	16.645	284	361172	30.025	ng/ul#	91
70) Atrazine	16.798	200	337685	29.572	ng/ul#	90
71) Pentachlorophenol	16.986	266	239805	29.452	ng/ul#	85
72) Phenanthrene	17.380	178	1586940	30.763	ng/ul	99
74) Anthracene	17.475	178	1617847	30.933	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	409493	29.307	ng/uL#	85
76) Pentachlorobenzene	14.910	250	398563	29.265	ng/uL	91
77) Carbazole	17.739	167	1480018	31.313	ng/ul#	95
78) Di-n-butylphthalate	18.292	149	1781303	30.648	ng/ul#	93
80) Fluoranthene	19.339	202	2045849	29.120	ng/ul	96
82) Pyrene	19.698	202	2115176	29.695	ng/ul#	93
83) Butylbenzylphthalate	20.563	149	886632	30.343	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.333	252	730678	30.682	ng/ul#	97
85) Benzo(a)anthracene	21.404	228	2212594	31.230	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.327	149	1312571	29.863	ng/ul#	82
87) Chrysene	21.463	228	2139544	31.300	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2306210	28.918	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2384006	31.524	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2194019	31.794	ng/ul#	98
93) Benzo(a)pyrene	23.780	252	2252232	32.129	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	2432926	33.190	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.486	278	2093302	32.933	ng/ul#	96
96) Benzo(g,h,i)perylene	27.256	276	2024768	33.499	ng/ul	94

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

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