

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035824.D
 Acq On : 15 Jul 2022 09:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Jul 15 23:45:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/18/2022
1) 1,4-Dichlorobenzene-d4	7.904	152	374987	20.000	ng	0.00	Supervised By : Jagrut Padhyay
21) Naphthalene-d8	10.710	136	1500891	20.000	ng	0.00	
39) Acenaphthene-d10	14.539	164	895911	20.000	ng	0.00	
64) Phenanthrene-d10	17.274	188	1788207	20.000	ng	0.00	
76) Chrysene-d12	21.456	240	1697877	20.000	ng	0.00	
86) Perylene-d12	23.839	264	1731035	20.000	ng	0.00	07/18/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	1885381	81.667	ng	0.00	
7) Phenol-d6	7.069	99	2432943	84.251	ng	0.00	
23) Nitrobenzene-d5	9.069	82	2226415	84.802	ng	0.00	
42) 2,4,6-Tribromophenol	16.022	330	854680	93.941	ng	0.00	
45) 2-Fluorobiphenyl	13.169	172	4852915	75.543	ng	0.00	
79) Terphenyl-d14	19.904	244	6979750	79.800	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	372031	38.204	ng		93
3) Pyridine	3.728	79	1030701m	40.782	ng		
4) n-Nitrosodimethylamine	3.646	42	432817	38.907	ng	#	64
6) Aniline	7.228	93	1330736	41.237	ng		96
8) 2-Chlorophenol	7.463	128	983115	40.900	ng		95
9) Benzaldehyde	7.040	77	625538	39.688	ng		95
10) Phenol	7.093	94	1212670	41.704	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	961708	40.115	ng		97
12) 1,3-Dichlorobenzene	7.787	146	1066149	38.690	ng		98
13) 1,4-Dichlorobenzene	7.940	146	1090961	38.869	ng		99
14) 1,2-Dichlorobenzene	8.257	146	1044690	38.570	ng		99
15) Benzyl Alcohol	8.146	79	812438	43.749	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1266277	40.918	ng		98
17) 2-Methylphenol	8.346	107	786611	41.961	ng		95
18) Hexachloroethane	8.987	117	398924	40.391	ng		96
19) n-Nitroso-di-n-propyla...	8.716	70	727633	43.877	ng		89
20) 3+4-Methylphenols	8.681	107	1085542	43.265	ng		96
22) Acetophenone	8.728	105	1470974	40.599	ng		93
24) Nitrobenzene	9.110	77	1028296	41.565	ng		97
25) Isophorone	9.640	82	1840379	44.257	ng		98
26) 2-Nitrophenol	9.822	139	500375	47.270	ng		93
27) 2,4-Dimethylphenol	9.887	122	766394	42.956	ng		97
28) bis(2-Chloroethoxy)met...	10.128	93	1229290	41.929	ng		99
29) 2,4-Dichlorophenol	10.357	162	850451	43.540	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	947272	39.243	ng		98
31) Naphthalene	10.763	128	2992612	39.481	ng		99
32) Benzoic acid	10.022	122	647428	52.847	ng		94
33) 4-Chloroaniline	10.869	127	1256398	41.922	ng		95
34) Hexachlorobutadiene	11.045	225	539085	38.722	ng		99
35) Caprolactam	11.657	113	287754	48.263	ng		92
36) 4-Chloro-3-methylphenol	11.992	107	894921	45.309	ng		100
37) 2-Methylnaphthalene	12.369	142	2027290	40.663	ng		97
38) 1-Methylnaphthalene	12.586	142	1965196	40.464	ng		98
40) 1,2,4,5-Tetrachloroben...	12.734	216	976941	37.668	ng		99
41) Hexachlorocyclopentadiene	12.716	237	536691	39.676	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	678835	44.923	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	715583	44.145	ng	97
46) 1,1'-Biphenyl	13.381	154	2614126	38.418	ng	99
47) 2-Chloronaphthalene	13.422	162	2005335	38.493	ng	100
48) 2-Nitroaniline	13.622	65	588067	43.484	ng	94
49) Acenaphthylene	14.263	152	3158361	40.109	ng	100
50) Dimethylphthalate	14.004	163	2385029	41.304	ng	100
51) 2,6-Dinitrotoluene	14.122	165	513396	41.177	ng	89
52) Acenaphthene	14.604	154	1895644	39.443	ng	99
53) 3-Nitroaniline	14.445	138	620931	41.742	ng	96
54) 2,4-Dinitrophenol	14.645	184	259908	52.010	ng	91
55) Dibenzofuran	14.939	168	3033285	39.029	ng	97
56) 4-Nitrophenol	14.745	139	500937	44.552	ng	87
57) 2,4-Dinitrotoluene	14.898	165	694488	42.249	ng	99
58) Fluorene	15.580	166	2433631	39.467	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.157	232	598981	44.821	ng	97
60) Diethylphthalate	15.369	149	2426146	42.706	ng	99
61) 4-Chlorophenyl-phenyle...	15.580	204	1195570	39.053	ng	97
62) 4-Nitroaniline	15.604	138	657626	42.321	ng	92
63) Azobenzene	15.874	77	2437451	41.401	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	363659	48.269	ng	94
66) n-Nitrosodiphenylamine	15.792	169	2070645	40.494	ng	100
67) 4-Bromophenyl-phenylether	16.474	248	719874	40.649	ng	94
68) Hexachlorobenzene	16.580	284	829682	39.667	ng	91
69) Atrazine	16.745	200	579400	43.853	ng	98
70) Pentachlorophenol	16.922	266	505668	46.796	ng	98
71) Phenanthrene	17.321	178	3692195	39.304	ng	99
72) Anthracene	17.410	178	3641560	40.295	ng	99
73) Carbazole	17.680	167	3690879	40.595	ng	99
74) Di-n-butylphthalate	18.257	149	4052194	42.064	ng	99
75) Fluoranthene	19.333	202	4180762	39.795	ng	98
77) Benzidine	19.521	184	1340769	56.406	ng	99
78) Pyrene	19.692	202	4356231	40.855	ng	99
80) Butylbenzylphthalate	20.604	149	1712126	45.619	ng	95
81) Benzo(a)anthracene	21.439	228	4329351	40.647	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	1062069	49.185	ng	99
83) Chrysene	21.492	228	4064272	39.523	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	2443903	43.317	ng	99
85) Di-n-octyl phthalate	22.309	149	3932390	47.324	ng	97
87) Indeno(1,2,3-cd)pyrene	26.321	276	5059703	40.138	ng	99
88) Benzo(b)fluoranthene	23.115	252	4148193	39.676	ng	99
89) Benzo(k)fluoranthene	23.162	252	4141548	37.872	ng	98
90) Benzo(a)pyrene	23.733	252	3505414	40.072	ng	98
91) Dibenzo(a,h)anthracene	26.344	278	4194838	40.115	ng	99
92) Benzo(g,h,i)perylene	27.086	276	4100206	39.739	ng	99

07/18/2022
 Supervised By : Jagrut
 Upadhyay

07/18/2022

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

