

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139152.D
 Acq On : 23 Aug 2024 17:43
 Operator : RC/JU
 Sample : P3707-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MS

Quant Time: Aug 23 18:09:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82447	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	303051	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	166707	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	256038	20.000	ng	0.00
76) Chrysene-d12	14.057	240	149562	20.000	ng	0.00
86) Perylene-d12	15.533	264	181960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	431575	80.535	ng	0.01
7) Phenol-d6	6.522	99	580731	83.868	ng	0.00
23) Nitrobenzene-d5	7.457	82	409486	78.735	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	120334	79.735	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	515122	49.026	ng	0.00
79) Terphenyl-d14	13.004	244	310797	34.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	97748	42.527	ng	99
3) Pyridine	3.504	79	262182	44.888	ng	99
4) n-Nitrosodimethylamine	3.451	42	160909	45.604	ng	98
6) Aniline	6.557	93	283463	45.347	ng	99
8) 2-Chlorophenol	6.681	128	260335	50.508	ng	97
9) Benzaldehyde	6.445	77	131576	32.400	ng	99
10) Phenol	6.539	94	353861	49.115	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	264293	45.615	ng	99
12) 1,3-Dichlorobenzene	6.839	146	288790	46.600	ng	99
13) 1,4-Dichlorobenzene	6.916	146	294438	47.519	ng	99
14) 1,2-Dichlorobenzene	7.069	146	274952	48.553	ng	100
15) Benzyl Alcohol	7.039	79	271255	49.565	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	398621	48.840	ng	99
17) 2-Methylphenol	7.145	107	217546	49.335	ng	99
18) Hexachloroethane	7.410	117	105878	48.730	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	212989	46.839	ng	99
20) 3+4-Methylphenols	7.298	107	276709	48.433	ng	93
22) Acetophenone	7.304	105	375786	48.565	ng	# 93
24) Nitrobenzene	7.481	77	315285	54.539	ng	99
25) Isophorone	7.716	82	560104	50.669	ng	99
26) 2-Nitrophenol	7.792	139	127543	61.490	ng	99
27) 2,4-Dimethylphenol	7.828	122	207154	59.097	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	314060	48.624	ng	99
29) 2,4-Dichlorophenol	8.034	162	221444	50.708	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	236235	46.198	ng	99
31) Naphthalene	8.204	128	746058	48.581	ng	100
32) Benzoic acid	7.934	122	138686	47.595	ng	99
33) 4-Chloroaniline	8.245	127	86025	16.356	ng	99
34) Hexachlorobutadiene	8.316	225	160299	47.989	ng	99
35) Caprolactam	8.616	113	64903m	46.877	ng	
36) 4-Chloro-3-methylphenol	8.728	107	237386	49.094	ng	99
37) 2-Methylnaphthalene	8.892	142	483162	49.050	ng	99
38) 1-Methylnaphthalene	8.992	142	446964	47.015	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	243754	54.099	ng	98
41) Hexachlorocyclopentadiene	9.045	237	329352	187.760	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	160808	52.211	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	163494	51.715	ng	98
46) 1,1'-Biphenyl	9.357	154	586478	51.356	ng	100
47) 2-Chloronaphthalene	9.380	162	459501	49.521	ng	100
48) 2-Nitroaniline	9.475	65	151884	56.038	ng	98
49) Acenaphthylene	9.798	152	712148	53.577	ng	100
50) Dimethylphthalate	9.657	163	543350	52.794	ng	100
51) 2,6-Dinitrotoluene	9.716	165	114095	54.585	ng	96
52) Acenaphthene	9.969	154	496727	56.573	ng	99
53) 3-Nitroaniline	9.886	138	68099	33.941	ng	# 94
54) 2,4-Dinitrophenol	9.986	184	107974	102.468	ng	# 71
55) Dibenzofuran	10.139	168	647076	50.738	ng	100
56) 4-Nitrophenol	10.039	139	151292	97.251	ng	99
57) 2,4-Dinitrotoluene	10.122	165	149120	56.508	ng	93
58) Fluorene	10.486	166	498134	48.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	135541	53.396	ng	99
60) Diethylphthalate	10.357	149	510305	50.042	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	249809	49.076	ng	99
62) 4-Nitroaniline	10.498	138	95502	45.425	ng	95
63) Azobenzene	10.633	77	558543	49.288	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	71906	68.255	ng	94
66) n-Nitrosodiphenylamine	10.592	169	421489	55.635	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	151259	55.752	ng	99
68) Hexachlorobenzene	11.027	284	156139	53.644	ng	99
69) Atrazine	11.122	200	128225	55.419	ng	99
70) Pentachlorophenol	11.222	266	181510	97.624	ng	98
71) Phenanthrene	11.445	178	674690	51.844	ng	100
72) Anthracene	11.498	178	672160	52.813	ng	100
73) Carbazole	11.651	167	502834	42.310	ng	100
74) Di-n-butylphthalate	11.986	149	651539	47.281	ng	99
75) Fluoranthene	12.633	202	564032	40.607	ng	99
77) Benzidine	12.751	184	199056	64.432	ng	99
78) Pyrene	12.863	202	564714	45.245	ng	100
80) Butylbenzylphthalate	13.480	149	206474	47.817	ng	99
81) Benzo(a)anthracene	14.051	228	515915	52.475	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	116674	42.456	ng	99
83) Chrysene	14.086	228	457966	51.391	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	280533	49.006	ng	99
85) Di-n-octyl phthalate	14.657	149	517898	64.460	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	562294	52.801	ng	99
88) Benzo(b)fluoranthene	15.104	252	587719	49.544	ng	99
89) Benzo(k)fluoranthene	15.133	252	467276	47.295	ng	99
90) Benzo(a)pyrene	15.474	252	513363	54.768	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	456799	52.254	ng	100
92) Benzo(g,h,i)perylene	17.474	276	402098	40.711	ng	99

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

