

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
 Data File : BP019456.D
 Acq On : 26 Jan 2024 20:10
 Operator : MA/JU
 Sample : P1246-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-COMP-012424MSD

Quant Time: Jan 27 00:17:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 23:43:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
 Supervised By :mohammad ahmed 01/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	65081	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	236830	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	141576	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	290276	20.000	ng	0.00
76) Chrysene-d12	21.404	240	300686	20.000	ng	0.00
86) Perylene-d12	23.833	264	387463	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	404883	97.874	ng	-0.01
7) Phenol-d6	7.087	99	534060	87.401	ng	0.00
23) Nitrobenzene-d5	9.081	82	352878	67.106	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	168526	91.918	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	688212	64.429	ng	-0.01
79) Terphenyl-d14	19.874	244	992905	54.139	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	69856	42.805	ng	98
3) Pyridine	3.781	79	188822	38.992	ng	97
4) n-Nitrosodimethylamine	3.705	42	107921	48.124	ng	94
6) Aniline	7.246	93	237331	38.214	ng	100
8) 2-Chlorophenol	7.481	128	195704	45.028	ng	99
9) Benzaldehyde	7.063	77	120735m	36.690	ng	
10) Phenol	7.110	94	271292	44.380	ng	95
11) bis(2-Chloroethyl)ether	7.352	93	199798	41.303	ng	99
12) 1,3-Dichlorobenzene	7.804	146	222498	42.880	ng	97
13) 1,4-Dichlorobenzene	7.952	146	229152	43.727	ng	99
14) 1,2-Dichlorobenzene	8.263	146	216636	42.513	ng	97
15) Benzyl Alcohol	8.163	79	222587m	42.658	ng	
16) 2,2'-oxybis(1-Chloropr...	8.446	45	272605m	40.465	ng	
17) 2-Methylphenol	8.363	107	173199	41.312	ng	99
18) Hexachloroethane	8.987	117	90660	43.232	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	171625	36.358	ng	97
20) 3+4-Methylphenols	8.693	107	232556	40.114	ng	98
22) Acetophenone	8.746	105	327695	45.780	ng	# 98
24) Nitrobenzene	9.128	77	254267	46.190	ng	98
25) Isophorone	9.651	82	451244	39.962	ng	100
26) 2-Nitrophenol	9.834	139	90828	50.435	ng	98
27) 2,4-Dimethylphenol	9.898	122	146941	52.048	ng	98
28) bis(2-Chloroethoxy)met...	10.146	93	253770	41.881	ng	99
29) 2,4-Dichlorophenol	10.363	162	181636	47.061	ng	97
30) 1,2,4-Trichlorobenzene	10.575	180	210069	45.834	ng	99
31) Naphthalene	10.769	128	581526	43.750	ng	100
32) Benzoic acid	10.028	122	114952	43.307	ng	96
33) 4-Chloroaniline	10.887	127	110731	20.605	ng	98
34) Hexachlorobutadiene	11.045	225	144884	45.060	ng	98
35) Caprolactam	11.657	113	57446	37.745	ng	97
36) 4-Chloro-3-methylphenol	12.004	107	211918	41.009	ng	99
37) 2-Methylnaphthalene	12.375	142	387558	40.390	ng	99
38) 1-Methylnaphthalene	12.592	142	371591	39.054	ng	99
40) 1,2,4,5-Tetrachloroben...	12.740	216	236131	51.190	ng	99
41) Hexachlorocyclopentadiene	12.710	237	267240	136.179	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	145175	50.640	ng	97

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44) 2,4,5-Trichlorophenol	13.051	196	157478	49.060	ng	97
46) 1,1'-Biphenyl	13.387	154	515318	47.598	ng	99
47) 2-Chloronaphthalene	13.428	162	404549	46.283	ng	99
48) 2-Nitroaniline	13.639	65	134966	45.107	ng	94
49) Acenaphthylene	14.269	152	647582	48.830	ng	100
50) Dimethylphthalate	14.022	163	493887	42.202	ng	100
51) 2,6-Dinitrotoluene	14.139	165	102455	40.893	ng	97
52) Acenaphthene	14.616	154	366204	44.571	ng	100
53) 3-Nitroaniline	14.463	138	73188	32.879	ng	97
54) 2,4-Dinitrophenol	14.669	184	89293	71.851	ng	92
55) Dibenzofuran	14.951	168	602024	44.887	ng	98
56) 4-Nitrophenol	14.769	139	183899	94.998	ng	98
57) 2,4-Dinitrotoluene	14.922	165	139187	40.473	ng	93
58) Fluorene	15.598	166	481519	43.174	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	132762	47.170	ng	98
60) Diethylphthalate	15.386	149	493501	39.489	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	250614	42.108	ng	98
62) 4-Nitroaniline	15.628	138	108672	43.776	ng	93
63) Azobenzene	15.898	77	535180	42.500	ng	99
65) 4,6-Dinitro-2-methylph...	15.681	198	59821	41.064	ng	98
66) n-Nitrosodiphenylamine	15.822	169	411662	48.698	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	148810	45.599	ng	94
68) Hexachlorobenzene	16.598	284	168147	45.257	ng	97
69) Atrazine	16.780	200	154613	48.732	ng	99
70) Pentachlorophenol	16.945	266	224459	98.784	ng	99
71) Phenanthrene	17.351	178	733121	47.446	ng	99
72) Anthracene	17.439	178	750068	48.442	ng	99
73) Carbazole	17.716	167	688430	45.948	ng	100
74) Di-n-butylphthalate	18.280	149	801761	41.982	ng	100
75) Fluoranthene	19.316	202	882749	43.949	ng	99
77) Benzidine	19.510	184	615028	123.134	ng	99
78) Pyrene	19.669	202	924221	42.517	ng	99
80) Butylbenzylphthalate	20.569	149	369325	41.800	ng	99
81) Benzo(a)anthracene	21.386	228	1007965	46.737	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	328384	44.985	ng	100
83) Chrysene	21.439	228	931417	46.002	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	534000	39.064	ng	98
85) Di-n-octyl phthalate	22.286	149	980862	42.689	ng	99
87) Indeno(1,2,3-cd)pyrene	26.374	276	1420619	55.950	ng	99
88) Benzo(b)fluoranthene	23.092	252	1112425	42.900	ng	99
89) Benzo(k)fluoranthene	23.139	252	1064785	43.175	ng	100
90) Benzo(a)pyrene	23.721	252	1039955	46.907	ng	99
91) Dibenzo(a,h)anthracene	26.398	278	1155435	54.641	ng	99
92) Benzo(g,h,i)perylene	27.151	276	1114824	54.828	ng	98

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

