

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
 Data File : BP020433.D
 Acq On : 20 May 2024 20:31
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP052024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 21 01:52:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 21 01:48:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	114562	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	429970	20.000	ng	0.00
39) Acenaphthene-d10	14.269	164	286447	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	610364	20.000	ng	0.00
76) Chrysene-d12	21.598	240	620245	20.000	ng	0.00
86) Perylene-d12	24.927	264	719631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	502631	81.054	ng	0.00
7) Phenol-d6	6.775	99	673092	77.775	ng	0.00
23) Nitrobenzene-d5	8.751	82	716312	80.157	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	313667	84.358	ng	0.00
45) 2-Fluorobiphenyl	12.863	172	1576946	77.621	ng	0.00
79) Terphenyl-d14	19.874	244	2730934	78.745	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	108197	40.323	ng	97
3) Pyridine	3.610	79	260779m	38.590	ng	
4) n-Nitrosodimethylamine	3.528	42	127239	38.717	ng	98
6) Aniline	6.934	93	317383	38.334	ng	99
8) 2-Chlorophenol	7.157	128	270180	39.172	ng	98
9) Benzaldehyde	6.763	77	191740	40.470	ng	98
10) Phenol	6.804	94	338814	38.773	ng	99
11) bis(2-Chloroethyl)ether	7.034	93	269508	39.560	ng	98
12) 1,3-Dichlorobenzene	7.469	146	326317	39.440	ng	99
13) 1,4-Dichlorobenzene	7.616	146	327727	38.590	ng	99
14) 1,2-Dichlorobenzene	7.928	146	315992	38.785	ng	99
15) Benzyl Alcohol	7.840	79	276183	38.680	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.116	45	300015	38.547	ng	99
17) 2-Methylphenol	8.028	107	225911	38.697	ng	98
18) Hexachloroethane	8.628	117	126380	39.718	ng	99
19) n-Nitroso-di-n-propyla...	8.392	70	224863	38.891	ng	99
20) 3+4-Methylphenols	8.363	107	307208	37.753	ng	98
22) Acetophenone	8.416	105	430197	39.716	ng	99
24) Nitrobenzene	8.792	77	354147	39.880	ng	98
25) Isophorone	9.304	82	596118	40.622	ng	99
26) 2-Nitrophenol	9.498	139	149643	41.676	ng	97
27) 2,4-Dimethylphenol	9.551	122	172840	40.429	ng	98
28) bis(2-Chloroethoxy)met...	9.792	93	349335	40.747	ng	99
29) 2,4-Dichlorophenol	10.022	162	261566	41.518	ng	98
30) 1,2,4-Trichlorobenzene	10.222	180	316091	39.548	ng	98
31) Naphthalene	10.404	128	852002	39.196	ng	99
32) Benzoic acid	9.734	122	189851	42.162	ng	96
33) 4-Chloroaniline	10.551	127	302210	41.204	ng	99
34) Hexachlorobutadiene	10.663	225	225455	40.780	ng	99
35) Caprolactam	11.363	113	77208m	42.311	ng	
36) 4-Chloro-3-methylphenol	11.681	107	296968	40.500	ng	98
37) 2-Methylnaphthalene	12.033	142	590102	39.740	ng	99
38) 1-Methylnaphthalene	12.257	142	574016	39.238	ng	99
40) 1,2,4,5-Tetrachloroben...	12.410	216	351980	37.995	ng	100
41) Hexachlorocyclopentadiene	12.369	237	108179	37.097	ng	95
43) 2,4,6-Trichlorophenol	12.669	196	222448	39.930	ng	97

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44) 2,4,5-Trichlorophenol	12.757	196	244121	39.846	ng	98
46) 1,1'-Biphenyl	13.075	154	767821	38.412	ng	99
47) 2-Chloronaphthalene	13.116	162	612842	38.295	ng	99
48) 2-Nitroaniline	13.363	65	195816	41.407	ng	99
49) Acenaphthylene	13.986	152	881392	38.533	ng	100
50) Dimethylphthalate	13.733	163	775011	39.952	ng	99
51) 2,6-Dinitrotoluene	13.869	165	176032	39.832	ng	97
52) Acenaphthene	14.333	154	549611	38.300	ng	99
53) 3-Nitroaniline	14.216	138	157550	41.619	ng	92
54) 2,4-Dinitrophenol	14.439	184	99116	39.336	ng	94
55) Dibenzofuran	14.686	168	918694	39.122	ng	99
56) 4-Nitrophenol	14.557	139	113517	45.734	ng	99
57) 2,4-Dinitrotoluene	14.686	165	245989	41.983	ng	# 84
58) Fluorene	15.351	166	748777	39.567	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.922	232	213782	39.946	ng	99
60) Diethylphthalate	15.139	149	793639	41.210	ng	100
61) 4-Chlorophenyl-phenyle...	15.351	204	404193	38.770	ng	98
62) 4-Nitroaniline	15.421	138	148988m	42.442	ng	
63) Azobenzene	15.657	77	748784	40.722	ng	99
65) 4,6-Dinitro-2-methylph...	15.474	198	148344	38.453	ng	96
66) n-Nitrosodiphenylamine	15.580	169	624762	37.652	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	261268	38.561	ng	96
68) Hexachlorobenzene	16.374	284	306000	38.174	ng	100
69) Atrazine	16.580	200	199933	39.793	ng	99
70) Pentachlorophenol	16.751	266	189086	40.757	ng	98
71) Phenanthrene	17.151	178	1125687	38.422	ng	100
72) Anthracene	17.257	178	1125683	39.271	ng	99
73) Carbazole	17.551	167	1050534	39.915	ng	99
74) Di-n-butylphthalate	18.139	149	1340044	42.558	ng	99
75) Fluoranthene	19.268	202	1443946	40.099	ng	99
77) Benzidine	19.498	184	346366	47.331	ng	98
78) Pyrene	19.651	202	1498776	37.990	ng	99
80) Butylbenzylphthalate	20.615	149	623280	41.940	ng	99
81) Benzo(a)anthracene	21.574	228	1529725	39.469	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	540927	41.939	ng	99
83) Chrysene	21.651	228	1463113	39.038	ng	98
84) Bis(2-ethylhexyl)phtha...	21.521	149	943518	43.725	ng	100
85) Di-n-octyl phthalate	22.798	149	1598638	43.592	ng	99
87) Indeno(1,2,3-cd)pyrene	28.715	276	1881868	39.115	ng	99
88) Benzo(b)fluoranthene	23.862	252	1619201	39.224	ng	100
89) Benzo(k)fluoranthene	23.933	252	1608184	39.319	ng	99
90) Benzo(a)pyrene	24.768	252	1429697	39.373	ng	100
91) Dibenzo(a,h)anthracene	28.797	278	1564505	39.328	ng	98
92) Benzo(g,h,i)perylene	29.874	276	1570253m	38.741	ng	

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

