

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019669.D
 Acq On : 12 Feb 2024 18:43
 Operator : MA/JU
 Sample : P1375-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 22:24:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	82308	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	289215	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	175337	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	410959	20.000	ng	0.00
76) Chrysene-d12	21.392	240	450243	20.000	ng	0.00
86) Perylene-d12	23.810	264	536854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	592756	116.085	ng	0.00
7) Phenol-d6	7.081	99	701913	101.948	ng	0.00
23) Nitrobenzene-d5	9.075	82	556516	83.380	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	410768	160.453	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1200452	84.639	ng	-0.01
79) Terphenyl-d14	19.863	244	2345649	85.676	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	65348	33.217	ng	# 60
3) Pyridine	3.793	79	143263	26.860	ng	98
4) n-Nitrosodimethylamine	3.711	42	90987	39.183	ng	98
6) Aniline	7.240	93	115086	17.203	ng	99
8) 2-Chlorophenol	7.469	128	219883	41.943	ng	96
9) Benzaldehyde	7.058	77	41280m	8.552	ng	
10) Phenol	7.105	94	254705	37.117	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	210675	39.462	ng	99
12) 1,3-Dichlorobenzene	7.793	146	236087	36.804	ng	98
13) 1,4-Dichlorobenzene	7.946	146	242659	37.338	ng	98
14) 1,2-Dichlorobenzene	8.258	146	233742	37.172	ng	97
15) Benzyl Alcohol	8.158	79	231606m	42.101	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	205827	38.554	ng	100
17) 2-Methylphenol	8.358	107	183416	39.701	ng	98
18) Hexachloroethane	8.975	117	87790	34.850	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	177651	37.776	ng	99
20) 3+4-Methylphenols	8.687	107	247081	39.188	ng	96
22) Acetophenone	8.740	105	351759	42.693	ng	# 97
24) Nitrobenzene	9.122	77	272209	40.506	ng	98
25) Isophorone	9.646	82	479660	41.265	ng	99
26) 2-Nitrophenol	9.822	139	116222	45.357	ng	98
27) 2,4-Dimethylphenol	9.887	122	161486	49.286	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	277445	42.186	ng	99
29) 2,4-Dichlorophenol	10.357	162	224111	45.248	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	251981	41.493	ng	97
31) Naphthalene	10.757	128	652996	41.167	ng	99
32) Benzoic acid	10.034	122	145645	45.624	ng	94
33) 4-Chloroaniline	10.881	127	30064	5.125	ng	# 91
34) Hexachlorobutadiene	11.028	225	182540	40.562	ng	97
35) Caprolactam	11.675	113	59995	42.788	ng	94
36) 4-Chloro-3-methylphenol	12.004	107	240636	44.558	ng	99
37) 2-Methylnaphthalene	12.363	142	461360	42.028	ng	99
38) 1-Methylnaphthalene	12.587	142	440363	40.821	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	317607	46.969	ng	99
41) Hexachlorocyclopentadiene	12.699	237	260919	85.413	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	200277	48.912	ng	99

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44) 2,4,5-Trichlorophenol	13.046	196	214285	47.659	ng	98
46) 1,1'-Biphenyl	13.381	154	630104	45.026	ng	100
47) 2-Chloronaphthalene	13.416	162	507542	44.181	ng	98
48) 2-Nitroaniline	13.634	65	155583	48.435	ng	94
49) Acenaphthylene	14.263	152	805198	49.960	ng	99
50) Dimethylphthalate	14.010	163	644737	48.034	ng	99
51) 2,6-Dinitrotoluene	14.134	165	141054	47.831	ng	93
52) Acenaphthene	14.604	154	453418	45.329	ng	100
53) 3-Nitroaniline	14.457	138	72171	26.630	ng	95
54) 2,4-Dinitrophenol	14.669	184	117380	76.660	ng	95
55) Dibenzofuran	14.940	168	770986	47.324	ng	100
56) 4-Nitrophenol	14.769	139	229897	103.494	ng	98
57) 2,4-Dinitrotoluene	14.922	165	200399	51.856	ng	98
58) Fluorene	15.592	166	622794	47.996	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	204743	54.137	ng	97
60) Diethylphthalate	15.375	149	635943	47.633	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	344914	47.293	ng	96
62) 4-Nitroaniline	15.622	138	134979	47.515	ng	98
63) Azobenzene	15.887	77	591833	45.842	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	85186	36.353	ng	96
66) n-Nitrosodiphenylamine	15.810	169	540173	43.889	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	234863	45.716	ng	98
68) Hexachlorobenzene	16.592	284	273714	45.623	ng	93
69) Atrazine	16.775	200	220257	53.930	ng	97
70) Pentachlorophenol	16.939	266	387646	103.757	ng	98
71) Phenanthrene	17.339	178	1033887	47.804	ng	99
72) Anthracene	17.434	178	1048710	48.609	ng	99
73) Carbazole	17.704	167	955249	48.739	ng	99
74) Di-n-butylphthalate	18.269	149	1124200	47.438	ng	99
75) Fluoranthene	19.304	202	1372749	51.958	ng	100
77) Benzidine	19.492	184	249833	26.541	ng	99
78) Pyrene	19.663	202	1406662	44.268	ng	99
80) Butylbenzylphthalate	20.551	149	535588	45.134	ng	96
81) Benzo(a)anthracene	21.375	228	1511947	47.705	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	493787	42.755	ng	98
83) Chrysene	21.427	228	1390724	46.218	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	776542	42.974	ng	99
85) Di-n-octyl phthalate	22.257	149	1398721	43.995	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1901114	46.262	ng	98
88) Benzo(b)fluoranthene	23.074	252	1548864	45.776	ng	100
89) Benzo(k)fluoranthene	23.121	252	1484951	45.944	ng	99
90) Benzo(a)pyrene	23.704	252	1419173	47.140	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1562722	46.237	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1492132	43.517	ng	98

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

