

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138332.D
 Acq On : 25 Jun 2024 14:05
 Operator : CG\JU
 Sample : P2998-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 07:15:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	218037	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	879768	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	504268	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	911996	20.000	ng	0.00
76) Chrysene-d12	14.051	240	456924	20.000	ng	0.00
86) Perylene-d12	15.521	264	438842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1723119	132.201	ng	0.02
7) Phenol-d6	6.528	99	2127293	128.711	ng	0.00
23) Nitrobenzene-d5	7.451	82	1388571	91.885	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	764741	152.336	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2704066	85.269	ng	0.00
79) Terphenyl-d14	12.998	244	2916078	101.080	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	222288	37.267	ng	# 82
3) Pyridine	3.616	79	438111	30.904	ng	95
4) n-Nitrosodimethylamine	3.551	42	288041	43.902	ng	95
6) Aniline	6.551	93	141984	8.780	ng	# 87
8) 2-Chlorophenol	6.675	128	710976	50.454	ng	99
10) Phenol	6.539	94	781389	46.587	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	631370	47.033	ng	99
12) 1,3-Dichlorobenzene	6.828	146	687554	42.933	ng	99
13) 1,4-Dichlorobenzene	6.904	146	698465	43.339	ng	99
14) 1,2-Dichlorobenzene	7.057	146	678563	44.851	ng	99
15) Benzyl Alcohol	7.028	79	510187	45.781	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	806264	42.557	ng	94
17) 2-Methylphenol	7.139	107	564647	50.787	ng	98
18) Hexachloroethane	7.398	117	248743	45.558	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	461835	47.141	ng	99
20) 3+4-Methylphenols	7.292	107	678439	48.482	ng	95
22) Acetophenone	7.298	105	833186	41.457	ng	# 93
24) Nitrobenzene	7.469	77	702737	44.993	ng	96
25) Isophorone	7.710	82	1316766	48.172	ng	100
26) 2-Nitrophenol	7.786	139	395544	62.979	ng	99
27) 2,4-Dimethylphenol	7.822	122	502643	52.605	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	812935	47.509	ng	99
29) 2,4-Dichlorophenol	8.028	162	627541	51.012	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	655519	45.184	ng	99
31) Naphthalene	8.192	128	1974295	45.384	ng	99
32) Benzoic acid	7.957	122	485398	57.638	ng	99
33) 4-Chloroaniline	8.245	127	62547	3.847	ng	97
34) Hexachlorobutadiene	8.304	225	378527	44.612	ng	98
35) Caprolactam	8.622	113	176407m	47.499	ng	
36) 4-Chloro-3-methylphenol	8.728	107	655197	53.492	ng	99
37) 2-Methylnaphthalene	8.880	142	1373576	48.111	ng	100
38) 1-Methylnaphthalene	8.980	142	1274371	45.549	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	636246	43.177	ng	99
41) Hexachlorocyclopentadiene	9.033	237	639706	133.138	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	488383	52.932	ng	99
44) 2,4,5-Trichlorophenol	9.210	196	512274	50.557	ng	98

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46) 1,1'-Biphenyl	9.345	154	1634155	44.163	ng	98
47) 2-Chloronaphthalene	9.375	162	1354040	46.302	ng	98
48) 2-Nitroaniline	9.469	65	359597	51.060	ng	94
49) Acenaphthylene	9.792	152	2066458	50.394	ng	99
50) Dimethylphthalate	9.651	163	1668351	53.998	ng	100
51) 2,6-Dinitrotoluene	9.710	165	379565	56.628	ng	96
52) Acenaphthene	9.963	154	1482846m	53.030	ng	
53) 3-Nitroaniline	9.875	138	53921	7.530	ng	93
54) 2,4-Dinitrophenol	9.986	184	432695	110.838	ng	98
55) Dibenzofuran	10.133	168	1877459	48.030	ng	99
56) 4-Nitrophenol	10.045	139	488144	86.266	ng	93
57) 2,4-Dinitrotoluene	10.116	165	500581	60.550	ng	93
58) Fluorene	10.475	166	1455001	47.342	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	434016	54.808	ng	99
60) Diethylphthalate	10.351	149	1620777	55.271	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	754003	49.260	ng	96
62) 4-Nitroaniline	10.492	138	239024	33.410	ng	97
63) Azobenzene	10.627	77	1420002	48.335	ng	93
65) 4,6-Dinitro-2-methylph...	10.522	198	300207	62.202	ng	91
66) n-Nitrosodiphenylamine	10.586	169	975666	34.944	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	509253	49.555	ng	95
68) Hexachlorobenzene	11.022	284	581662	48.501	ng	97
69) Atrazine	11.104	200	130043	16.352	ng	97
70) Pentachlorophenol	11.216	266	652385	93.274	ng	98
71) Phenanthrene	11.439	178	2139100	47.429	ng	99
72) Anthracene	11.492	178	2181426	48.715	ng	99
73) Carbazole	11.639	167	1262062	30.729	ng	99
74) Di-n-butylphthalate	11.969	149	2443910	57.478	ng	99
75) Fluoranthene	12.621	202	2027322	44.081	ng	99
77) Benzidine	12.751	184	26324m	4.981	ng	
78) Pyrene	12.851	202	1993116	50.571	ng	99
80) Butylbenzylphthalate	13.468	149	789471	73.641	ng	100
81) Benzo(a)anthracene	14.039	228	1490432	50.844	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	25441	3.152	ng	97
83) Chrysene	14.074	228	1435131	51.362	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1064633	85.385	ng	98
85) Di-n-octyl phthalate	14.639	149	1719904	92.850	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1771220	61.913	ng	99
88) Benzo(b)fluoranthene	15.092	252	1654731	63.941	ng	99
89) Benzo(k)fluoranthene	15.121	252	1393819	54.956	ng	99
90) Benzo(a)pyrene	15.462	252	1362467	61.282	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	1486179	63.290	ng	98
92) Benzo(g,h,i)perylene	17.462	276	1298535	53.455	ng	98

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

