

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046350.D
 Acq On : 28 Jun 2024 13:25
 Operator : MA/JU
 Sample : P3076-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MS

Quant Time: Jun 28 14:03:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	135032	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	579089	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	352305	20.000	ng	0.00
64) Phenanthrene-d10	16.768	188	699168	20.000	ng	0.00
76) Chrysene-d12	20.992	240	550418	20.000	ng	0.00
86) Perylene-d12	23.662	264	539540	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	774050	92.143	ng	0.00
7) Phenol-d6	6.628	99	1018487	85.345	ng	0.00
23) Nitrobenzene-d5	8.528	82	707766	50.668	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	364195	85.003	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	1189892	45.777	ng	0.00
79) Terphenyl-d14	19.421	244	1681051	50.531	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	121808	37.607	ng	98
3) Pyridine	3.410	79	345159	38.136	ng	96
4) n-Nitrosodimethylamine	3.334	42	309486	44.149	ng	97
6) Aniline	6.746	93	326978	30.170	ng	99
8) 2-Chlorophenol	6.963	128	453833	48.490	ng	99
9) Benzaldehyde	6.551	77	80630	9.195	ng	99
10) Phenol	6.657	94	579904	49.105	ng	97
11) bis(2-Chloroethyl)ether	6.828	93	448917	46.811	ng	100
12) 1,3-Dichlorobenzene	7.257	146	458874	44.223	ng	99
13) 1,4-Dichlorobenzene	7.404	146	468862	43.912	ng	99
14) 1,2-Dichlorobenzene	7.716	146	456521	43.365	ng	99
15) Benzyl Alcohol	7.651	79	444883	45.348	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.898	45	745615	45.685	ng	99
17) 2-Methylphenol	7.869	107	389402	47.285	ng	98
18) Hexachloroethane	8.422	117	207740	43.190	ng	99
19) n-Nitroso-di-n-propyla...	8.193	70	400785	44.237	ng	96
20) 3+4-Methylphenols	8.198	107	542198	45.399	ng	94
22) Acetophenone	8.204	105	678759	41.963	ng	100
24) Nitrobenzene	8.569	77	585730	42.685	ng	98
25) Isophorone	9.098	82	1047942	44.240	ng	99
26) 2-Nitrophenol	9.269	139	244263	49.735	ng	95
27) 2,4-Dimethylphenol	9.375	122	326233	52.983	ng	98
28) bis(2-Chloroethoxy)met...	9.575	93	603882	46.144	ng	99
29) 2,4-Dichlorophenol	9.810	162	421147	50.647	ng	97
30) 1,2,4-Trichlorobenzene	9.992	180	422977	44.922	ng	96
31) Naphthalene	10.175	128	1400460	44.129	ng	99
32) Benzoic acid	9.622	122	292608	39.875	ng	96
33) 4-Chloroaniline	10.345	127	198854	17.888	ng	99
34) Hexachlorobutadiene	10.457	225	255260	43.973	ng	99
35) Caprolactam	11.169	113	125613m	41.241	ng	
36) 4-Chloro-3-methylphenol	11.492	107	480957	46.487	ng	99
37) 2-Methylnaphthalene	11.792	142	954541	44.598	ng	99
38) 1-Methylnaphthalene	12.022	142	888460	41.983	ng	99
40) 1,2,4,5-Tetrachloroben...	12.175	216	418386	44.515	ng	98
41) Hexachlorocyclopentadiene	12.151	237	429107	116.506	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	317985	50.938	ng	98

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44) 2,4,5-Trichlorophenol	12.539	196	350886	48.780	ng	98
46) 1,1'-Biphenyl	12.839	154	1145926	43.447	ng	99
47) 2-Chloronaphthalene	12.875	162	952427	46.520	ng	99
48) 2-Nitroaniline	13.133	65	392568	48.298	ng	98
49) Acenaphthylene	13.733	152	1615439	51.180	ng	100
50) Dimethylphthalate	13.516	163	1202447	46.689	ng	99
51) 2,6-Dinitrotoluene	13.627	165	254098	44.305	ng	99
52) Acenaphthene	14.080	154	896926	45.717	ng	99
53) 3-Nitroaniline	13.974	138	187172	32.301	ng	95
54) 2,4-Dinitrophenol	14.174	184	263830	77.987	ng	99
55) Dibenzofuran	14.422	168	1474793	46.913	ng	99
56) 4-Nitrophenol	14.345	139	433713	89.869	ng	99
57) 2,4-Dinitrotoluene	14.427	165	377501	45.483	ng	97
58) Fluorene	15.074	166	1244558	46.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	297617	49.089	ng	99
60) Diethylphthalate	14.886	149	1324588	46.754	ng	100
61) 4-Chlorophenyl-phenyle...	15.074	204	585429	46.771	ng	99
62) 4-Nitroaniline	15.163	138	252609	44.422	ng	98
63) Azobenzene	15.374	77	1590125	47.099	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	181749	41.424	ng	91
66) n-Nitrosodiphenylamine	15.304	169	985515	48.528	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	336495	47.135	ng	99
68) Hexachlorobenzene	16.080	284	387447	45.968	ng	98
69) Atrazine	16.286	200	312923	55.745	ng	98
70) Pentachlorophenol	16.445	266	511998	96.577	ng	98
71) Phenanthrene	16.815	178	1829397	49.170	ng	100
72) Anthracene	16.904	178	1808325	49.968	ng	99
73) Carbazole	17.198	167	1663227	46.675	ng	100
74) Di-n-butylphthalate	17.762	149	2405792	50.250	ng	100
75) Fluoranthene	18.839	202	2073321	47.159	ng	99
77) Benzidine	19.062	184	692925	121.332	ng	99
78) Pyrene	19.204	202	2128099	55.662	ng	99
80) Butylbenzylphthalate	20.133	149	1074676	59.741	ng	98
81) Benzo(a)anthracene	20.974	228	1795554	49.729	ng	100
82) 3,3'-Dichlorobenzidine	20.927	252	426807	36.852	ng	98
83) Chrysene	21.033	228	1666730	48.267	ng	99
84) Bis(2-ethylhexyl)phtha...	20.921	149	1636530	52.988	ng	100
85) Di-n-octyl phthalate	21.933	149	2413455	53.070	ng	99
87) Indeno(1,2,3-cd)pyrene	26.621	276	1760736	50.882	ng	99
88) Benzo(b)fluoranthene	22.833	252	1553400	48.609	ng	99
89) Benzo(k)fluoranthene	22.886	252	1543793	48.563	ng	99
90) Benzo(a)pyrene	23.539	252	1425907	50.800	ng	99
91) Dibenzo(a,h)anthracene	26.650	278	1420091	49.148	ng	100
92) Benzo(g,h,i)perylene	27.532	276	1371869	47.935	ng	98

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

