

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041266.D
 Acq On : 03 Aug 2023 17:46
 Operator : MA/JU
 Sample : 03717-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Quant Time: Aug 04 01:21:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

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 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	138186	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	626490	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	429423	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	963869	20.000	ng	0.00
76) Chrysene-d12	21.427	240	808832	20.000	ng	0.00
86) Perylene-d12	23.797	264	796165	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	876392	94.788	ng	0.00
7) Phenol-d6	6.987	99	1209126	100.889	ng	0.00
23) Nitrobenzene-d5	8.975	82	758371	56.294	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	617557	101.673	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1832307	53.902	ng	0.00
79) Terphenyl-d14	19.862	244	3100561	69.310	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	121704	30.770	ng	96
3) Pyridine	3.663	79	331035	31.831	ng	95
4) n-Nitrosodimethylamine	3.581	42	178928	37.201	ng	91
6) Aniline	7.134	93	628205	44.789	ng	98
8) 2-Chlorophenol	7.363	128	490310	54.321	ng	99
9) Benzaldehyde	6.946	77	272939m	43.160	ng	
10) Phenol	7.010	94	640185	55.306	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	459062	48.994	ng	95
12) 1,3-Dichlorobenzene	7.681	146	480004	48.855	ng	98
13) 1,4-Dichlorobenzene	7.834	146	498003	50.429	ng	99
14) 1,2-Dichlorobenzene	8.145	146	483743	51.088	ng	98
15) Benzyl Alcohol	8.057	79	472690	62.455	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	584578	46.826	ng	96
17) 2-Methylphenol	8.257	107	436624	55.212	ng	98
18) Hexachloroethane	8.863	117	148001	40.256	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	400934	55.077	ng	96
20) 3+4-Methylphenols	8.592	107	603027	57.031	ng	98
22) Acetophenone	8.634	105	743680	44.821	ng	# 98
24) Nitrobenzene	9.016	77	578851	42.489	ng	100
25) Isophorone	9.545	82	1127997	49.326	ng	99
26) 2-Nitrophenol	9.728	139	211571	39.726	ng	93
27) 2,4-Dimethylphenol	9.792	122	459015	48.980	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	664766	46.407	ng	99
29) 2,4-Dichlorophenol	10.263	162	527911	55.859	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	515972	49.415	ng	99
31) Naphthalene	10.657	128	1524081	44.830	ng	99
32) Benzoic acid	9.981	122	394389	54.835	ng	98
33) 4-Chloroaniline	10.786	127	451550	33.236	ng	98
34) Hexachlorobutadiene	10.922	225	315130	50.181	ng	99
35) Caprolactam	11.616	113	177420m	64.896	ng	
36) 4-Chloro-3-methylphenol	11.922	107	577732	58.080	ng	97
37) 2-Methylnaphthalene	12.275	142	1117979	48.777	ng	99
38) 1-Methylnaphthalene	12.498	142	1064941	49.643	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	625883	44.886	ng	98
41) Hexachlorocyclopentadiene	12.610	237	347209	47.067	ng	97
43) 2,4,6-Trichlorophenol	12.898	196	465791	52.118	ng	99

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44) 2,4,5-Trichlorophenol	12.975	196	509222	49.228	ng	96
46) 1,1'-Biphenyl	13.292	154	1503338	43.183	ng	99
47) 2-Chloronaphthalene	13.339	162	1184328	45.562	ng	98
48) 2-Nitroaniline	13.563	65	419923	50.610	ng	96
49) Acenaphthylene	14.186	152	1927169	45.933	ng	100
50) Dimethylphthalate	13.933	163	1705723	52.806	ng	100
51) 2,6-Dinitrotoluene	14.063	165	307197	45.898	ng	97
52) Acenaphthene	14.533	154	1145426	45.318	ng	100
53) 3-Nitroaniline	14.398	138	386576	49.811	ng	95
54) 2,4-Dinitrophenol	14.616	184	250228	57.160	ng	# 87
55) Dibenzofuran	14.869	168	1880941	45.612	ng	99
56) 4-Nitrophenol	14.727	139	590309	105.827	ng	94
57) 2,4-Dinitrotoluene	14.857	165	424287	44.592	ng	95
58) Fluorene	15.521	166	1537837	47.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	444202	53.030	ng	95
60) Diethylphthalate	15.298	149	1582579	50.663	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	813852	49.923	ng	96
62) 4-Nitroaniline	15.569	138	383346	53.209	ng	98
63) Azobenzene	15.810	77	1588296	46.418	ng	96
65) 4,6-Dinitro-2-methylph...	15.627	198	165505	28.344	ng	86
66) n-Nitrosodiphenylamine	15.739	169	1326538	44.252	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	513912	48.629	ng	99
68) Hexachlorobenzene	16.521	284	598340	50.917	ng	97
69) Atrazine	16.698	200	441527	56.085	ng	99
70) Pentachlorophenol	16.880	266	716526	88.055	ng	99
71) Phenanthrene	17.268	178	2417447	45.141	ng	99
72) Anthracene	17.363	178	2440590	46.079	ng	100
73) Carbazole	17.639	167	2249785	46.931	ng	100
74) Di-n-butylphthalate	18.198	149	2981649	55.041	ng	99
75) Fluoranthene	19.292	202	2835727	47.132	ng	99
77) Benzidine	19.498	184	1380788	125.250	ng	99
78) Pyrene	19.657	202	2878915	50.898	ng	99
80) Butylbenzylphthalate	20.562	149	1316794	63.750	ng	93
81) Benzo(a)anthracene	21.415	228	2665561	48.613	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	1046657	58.497	ng	99
83) Chrysene	21.468	228	2434656	45.906	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1965718	59.295	ng	# 97
85) Di-n-octyl phthalate	22.250	149	3215406	61.593	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	2525711	43.149	ng	96
88) Benzo(b)fluoranthene	23.080	252	2460856	52.030	ng	98
89) Benzo(k)fluoranthene	23.127	252	2437590	50.384	ng	99
90) Benzo(a)pyrene	23.697	252	2087719	45.939	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	2145489	43.944	ng	97
92) Benzo(g,h,i)perylene	27.015	276	1968624	41.208	ng	96

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

