

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
 Data File : BM044806.D
 Acq On : 28 Mar 2024 23:28
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM032824

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/29/2024
 Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 01:29:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	97229	20.000	ng	0.00
21) Naphthalene-d8	10.451	136	384264	20.000	ng	0.00
39) Acenaphthene-d10	14.321	164	191514	20.000	ng	0.00
64) Phenanthrene-d10	17.074	188	306824	20.000	ng	0.00
76) Chrysene-d12	21.274	240	233196	20.000	ng	0.00
86) Perylene-d12	23.509	264	291595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	535333	78.855	ng	0.00
7) Phenol-d6	6.851	99	699935	79.485	ng	0.00
23) Nitrobenzene-d5	8.833	82	675788	79.280	ng	0.00
42) 2,4,6-Tribromophenol	15.821	330	162092	77.453	ng	0.00
45) 2-Fluorobiphenyl	12.933	172	1199022	80.186	ng	0.00
79) Terphenyl-d14	19.715	244	1055955	76.739	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	105600	39.361	ng	98
3) Pyridine	3.657	79	308801	40.960	ng	97
4) n-Nitrosodimethylamine	3.575	42	159556	40.336	ng	99
6) Aniline	7.016	93	413889	40.357	ng	98
8) 2-Chlorophenol	7.239	128	272024	39.559	ng	96
9) Benzaldehyde	6.834	77	181527	39.644	ng	99
10) Phenol	6.881	94	347493	39.968	ng	98
11) bis(2-Chloroethyl)ether	7.116	93	270255	39.487	ng	95
12) 1,3-Dichlorobenzene	7.563	146	285227	39.703	ng	97
13) 1,4-Dichlorobenzene	7.710	146	286601	39.262	ng	99
14) 1,2-Dichlorobenzene	8.016	146	279298	39.689	ng	99
15) Benzyl Alcohol	7.922	79	241433	40.037	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.198	45	407922m	39.464	ng	
17) 2-Methylphenol	8.116	107	243459	39.666	ng	99
18) Hexachloroethane	8.728	117	112255	39.444	ng	100
19) n-Nitroso-di-n-propyla...	8.486	70	213121	39.995	ng	96
20) 3+4-Methylphenols	8.445	107	331019	39.910	ng	99
22) Acetophenone	8.498	105	406786	39.032	ng	# 98
24) Nitrobenzene	8.881	77	330039	39.635	ng	99
25) Isophorone	9.398	82	533857	38.840	ng	99
26) 2-Nitrophenol	9.580	139	147368	40.151	ng	97
27) 2,4-Dimethylphenol	9.639	122	237200	39.363	ng	100
28) bis(2-Chloroethoxy)met...	9.880	93	344104	39.822	ng	100
29) 2,4-Dichlorophenol	10.104	162	233510	39.927	ng	98
30) 1,2,4-Trichlorobenzene	10.316	180	242989	39.482	ng	98
31) Naphthalene	10.504	128	822491	38.966	ng	99
32) Benzoic acid	9.780	122	173407	38.334	ng	98
33) 4-Chloroaniline	10.627	127	344449	39.593	ng	98
34) Hexachlorobutadiene	10.769	225	143431	39.253	ng	97
35) Caprolactam	11.427	113	63818	37.455	ng	97
36) 4-Chloro-3-methylphenol	11.751	107	236011	38.809	ng	99
37) 2-Methylnaphthalene	12.121	142	537668	38.818	ng	99
38) 1-Methylnaphthalene	12.339	142	497437	38.531	ng	98
40) 1,2,4,5-Tetrachloroben...	12.492	216	242833	40.541	ng	98
41) Hexachlorocyclopentadiene	12.457	237	138482	43.079	ng	99
43) 2,4,6-Trichlorophenol	12.739	196	161209	40.215	ng	99

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44) 2,4,5-Trichlorophenol	12.816	196	185825	40.251	ng	98
46) 1,1'-Biphenyl	13.151	154	618017	39.875	ng	99
47) 2-Chloronaphthalene	13.186	162	465106	39.896	ng	99
48) 2-Nitroaniline	13.410	65	158832	39.334	ng	95
49) Acenaphthylene	14.039	152	734216	39.736	ng	99
50) Dimethylphthalate	13.792	163	514819	38.230	ng	98
51) 2,6-Dinitrotoluene	13.915	165	112749	38.634	ng	97
52) Acenaphthene	14.386	154	432200	39.538	ng	99
53) 3-Nitroaniline	14.245	138	132410	39.830	ng	99
54) 2,4-Dinitrophenol	14.457	184	61839	37.849	ng	93
55) Dibenzofuran	14.721	168	666935	38.887	ng	100
56) 4-Nitrophenol	14.557	139	100989	39.472	ng	98
57) 2,4-Dinitrotoluene	14.710	165	142256	38.850	ng	97
58) Fluorene	15.374	166	509343	38.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.951	232	127812	38.800	ng	98
60) Diethylphthalate	15.162	149	480876	38.034	ng	100
61) 4-Chlorophenyl-phenyle...	15.374	204	240513	38.459	ng	99
62) 4-Nitroaniline	15.415	138	126867m	39.738	ng	
63) Azobenzene	15.668	77	542568	38.509	ng	98
65) 4,6-Dinitro-2-methylph...	15.468	198	77268	40.466	ng	97
66) n-Nitrosodiphenylamine	15.592	169	409193	40.230	ng	99
67) 4-Bromophenyl-phenylether	16.274	248	131956	39.286	ng	99
68) Hexachlorobenzene	16.374	284	143641	39.509	ng	98
69) Atrazine	16.557	200	112923	40.621	ng	99
70) Pentachlorophenol	16.721	266	98252	40.830	ng	98
71) Phenanthrene	17.115	178	672094	39.263	ng	100
72) Anthracene	17.209	178	685247	39.633	ng	99
73) Carbazole	17.492	167	616070	39.904	ng	99
74) Di-n-butylphthalate	18.056	149	668682	39.438	ng	100
75) Fluoranthene	19.145	202	677128	39.629	ng	99
77) Benzidine	19.345	184	217743	43.306	ng	99
78) Pyrene	19.503	202	715413	38.500	ng	99
80) Butylbenzylphthalate	20.427	149	263745	39.026	ng	97
81) Benzo(a)anthracene	21.256	228	641498	39.464	ng	99
82) 3,3'-Dichlorobenzidine	21.203	252	225511	40.008	ng	99
83) Chrysene	21.309	228	611307	39.238	ng	100
84) Bis(2-ethylhexyl)phtha...	21.203	149	352864	38.305	ng	100
85) Di-n-octyl phthalate	22.086	149	595216	38.184	ng	100
87) Indeno(1,2,3-cd)pyrene	25.768	276	891206	40.235	ng	100
88) Benzo(b)fluoranthene	22.838	252	662569	40.098	ng	99
89) Benzo(k)fluoranthene	22.886	252	655871	39.528	ng	99
90) Benzo(a)pyrene	23.415	252	671924	40.070	ng	99
91) Dibenzo(a,h)anthracene	25.785	278	734027	40.013	ng	99
92) Benzo(g,h,i)perylene	26.450	276	766174	40.142	ng	99

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

