

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044816.D
 Acq On : 29 Mar 2024 14:24
 Operator : MA/JU
 Sample : P1879-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-01(2-4)MSD

Quant Time: Mar 29 14:52:42 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	100880	20.000	ng	-0.01
21) Naphthalene-d8	10.445	136	386223	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	213174	20.000	ng	0.00
64) Phenanthrene-d10	17.068	188	425572	20.000	ng	-0.01
76) Chrysene-d12	21.274	240	456968	20.000	ng	0.00
86) Perylene-d12	23.503	264	564998	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	631098	89.597	ng	-0.01
7) Phenol-d6	6.845	99	806695	88.293	ng	-0.01
23) Nitrobenzene-d5	8.828	82	492719	57.510	ng	-0.01
42) 2,4,6-Tribromophenol	15.815	330	236346	101.459	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	877458	52.719	ng	-0.01
79) Terphenyl-d14	19.715	244	1256874	46.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	102279	36.743	ng	99
3) Pyridine	3.646	79	269623	34.469	ng	99
4) n-Nitrosodimethylamine	3.569	42	180778	44.047	ng	96
6) Aniline	7.010	93	305204	28.682	ng	97
8) 2-Chlorophenol	7.234	128	314911	44.139	ng	98
9) Benzaldehyde	6.828	77	50023m	10.529	ng	
10) Phenol	6.875	94	406929	45.110	ng	99
11) bis(2-Chloroethyl)ether	7.110	93	301986	42.526	ng	96
12) 1,3-Dichlorobenzene	7.551	146	326918	43.860	ng	100
13) 1,4-Dichlorobenzene	7.698	146	331096	43.715	ng	99
14) 1,2-Dichlorobenzene	8.010	146	319777	43.796	ng	99
15) Benzyl Alcohol	7.916	79	271326	43.365	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.187	45	459266m	42.823	ng	
17) 2-Methylphenol	8.110	107	256578	40.291	ng	96
18) Hexachloroethane	8.722	117	130700	44.263	ng	97
19) n-Nitroso-di-n-propyla...	8.475	70	225808	40.843	ng	94
20) 3+4-Methylphenols	8.439	107	346611	40.278	ng	97
22) Acetophenone	8.492	105	450845	43.040	ng	98
24) Nitrobenzene	8.869	77	347687	41.543	ng	99
25) Isophorone	9.392	82	607061	43.942	ng	100
26) 2-Nitrophenol	9.569	139	163018	44.189	ng	98
27) 2,4-Dimethylphenol	9.633	122	211241	34.877	ng	99
28) bis(2-Chloroethoxy)met...	9.875	93	363358	41.837	ng	98
29) 2,4-Dichlorophenol	10.098	162	268301	45.643	ng	99
30) 1,2,4-Trichlorobenzene	10.304	180	272186	44.002	ng	98
31) Naphthalene	10.492	128	900980	42.468	ng	100
32) Benzoic acid	9.781	122	227133	49.957	ng	99
33) 4-Chloroaniline	10.622	127	208311	23.823	ng	98
34) Hexachlorobutadiene	10.763	225	156312	42.561	ng	98
35) Caprolactam	11.422	113	88817m	51.862	ng	
36) 4-Chloro-3-methylphenol	11.745	107	280112	45.827	ng	98
37) 2-Methylnaphthalene	12.116	142	581831	41.794	ng	100
38) 1-Methylnaphthalene	12.333	142	537518	41.425	ng	97
40) 1,2,4,5-Tetrachloroben...	12.480	216	277412	41.608	ng	99
41) Hexachlorocyclopentadiene	12.451	237	266945	74.603	ng	97
43) 2,4,6-Trichlorophenol	12.733	196	195198	43.746	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	215323	41.902	ng	97
46) 1,1'-Biphenyl	13.139	154	718645	41.656	ng	100
47) 2-Chloronaphthalene	13.180	162	560223	43.172	ng	100
48) 2-Nitroaniline	13.404	65	204517	45.501	ng	98
49) Acenaphthylene	14.033	152	948155	46.100	ng	99
50) Dimethylphthalate	13.786	163	673976	44.963	ng	99
51) 2,6-Dinitrotoluene	13.910	165	146153	44.991	ng	93
52) Acenaphthene	14.380	154	516118	42.418	ng	99
53) 3-Nitroaniline	14.239	138	159364	43.067	ng	98
54) 2,4-Dinitrophenol	14.457	184	197765	97.489	ng	97
55) Dibenzofuran	14.716	168	827718	43.358	ng	98
56) 4-Nitrophenol	14.557	139	321131	112.762	ng	97
57) 2,4-Dinitrotoluene	14.704	165	206824	50.744	ng	99
58) Fluorene	15.368	166	669327	45.626	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	175060	47.743	ng	99
60) Diethylphthalate	15.157	149	680872	48.381	ng	99
61) 4-Chlorophenyl-phenyle...	15.368	204	307736	44.208	ng	96
62) 4-Nitroaniline	15.410	138	182768m	51.431	ng	
63) Azobenzene	15.663	77	743342	47.398	ng	99
65) 4,6-Dinitro-2-methylph...	15.463	198	124032	46.832	ng	98
66) n-Nitrosodiphenylamine	15.592	169	555862	39.401	ng	98
67) 4-Bromophenyl-phenylether	16.268	248	187176	40.177	ng	98
68) Hexachlorobenzene	16.368	284	223166	44.255	ng	99
69) Atrazine	16.557	200	186130	48.273	ng	99
70) Pentachlorophenol	16.721	266	330392	98.988	ng	98
71) Phenanthrene	17.115	178	1124619	47.367	ng	99
72) Anthracene	17.204	178	1066872	44.488	ng	99
73) Carbazole	17.486	167	1041101	48.618	ng	100
74) Di-n-butylphthalate	18.056	149	1233633	52.456	ng	100
75) Fluoranthene	19.139	202	1383002	58.356	ng	98
77) Benzidine	19.345	184	741204	75.227	ng	100
78) Pyrene	19.503	202	1509754	41.461	ng	99
80) Butylbenzylphthalate	20.421	149	622503	47.005	ng	100
81) Benzo(a)anthracene	21.256	228	1504973	47.247	ng	99
82) 3,3'-Dichlorobenzidine	21.197	252	507711	45.965	ng	98
83) Chrysene	21.309	228	1444810	47.325	ng	99
84) Bis(2-ethylhexyl)phtha...	21.197	149	921603	51.054	ng	99
85) Di-n-octyl phthalate	22.086	149	1688736	55.284	ng	100
87) Indeno(1,2,3-cd)pyrene	25.762	276	1926354	44.884	ng	99
88) Benzo(b)fluoranthene	22.839	252	1614597	50.430	ng	100
89) Benzo(k)fluoranthene	22.880	252	1551107	48.247	ng	100
90) Benzo(a)pyrene	23.409	252	1522884	46.870	ng	98
91) Dibenzo(a,h)anthracene	25.779	278	1543365	43.420	ng	99
92) Benzo(g,h,i)perylene	26.450	276	1524167	41.213	ng	99

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

Manual Integrations

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