

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013024\
 Data File : BP019488.D
 Acq On : 30 Jan 2024 18:44
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 31 01:46:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:31:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	67498	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	276289	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	185162	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	425435	20.000	ng	0.00
76) Chrysene-d12	21.398	240	303741	20.000	ng	0.00
86) Perylene-d12	23.821	264	257036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	693071	156.368	ng	0.00
7) Phenol-d6	7.099	99	1026772	168.842	ng	0.01
23) Nitrobenzene-d5	9.093	82	1116522	163.127	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	449145	174.420	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2327562	158.871	ng	0.00
79) Terphenyl-d14	19.881	244	3870023	201.735	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	126616	74.824	ng	100
3) Pyridine	3.787	79	408052m	84.190	ng	
4) n-Nitrosodimethylamine	3.711	42	218085	81.910	ng	97
6) Aniline	7.258	93	511075	84.989	ng	100
8) 2-Chlorophenol	7.487	128	370417	81.546	ng	98
10) Phenol	7.122	94	508189	83.620	ng	98
11) bis(2-Chloroethyl)ether	7.358	93	369496	81.403	ng	99
12) 1,3-Dichlorobenzene	7.805	146	422119	78.927	ng	98
13) 1,4-Dichlorobenzene	7.958	146	428909	79.416	ng	100
14) 1,2-Dichlorobenzene	8.269	146	417318	79.848	ng	97
15) Benzyl Alcohol	8.169	79	446833	86.177	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	468753	79.317	ng	98
17) 2-Methylphenol	8.369	107	347919	84.845	ng	98
18) Hexachloroethane	8.993	117	170511	78.374	ng	94
19) n-Nitroso-di-n-propyla...	8.746	70	362618	84.840	ng	99
20) 3+4-Methylphenols	8.705	107	484916	85.755	ng	99
22) Acetophenone	8.752	105	674121	80.820	ng	# 96
24) Nitrobenzene	9.140	77	565812	81.723	ng	97
25) Isophorone	9.663	82	997985	82.484	ng	98
26) 2-Nitrophenol	9.840	139	217600	86.899	ng	99
27) 2,4-Dimethylphenol	9.905	122	268727	82.244	ng	99
28) bis(2-Chloroethoxy)met...	10.152	93	510282	79.206	ng	98
29) 2,4-Dichlorophenol	10.369	162	392861	83.288	ng	97
30) 1,2,4-Trichlorobenzene	10.581	180	445287	80.260	ng	96
31) Naphthalene	10.775	128	1250603	81.098	ng	100
32) Benzoic acid	10.099	122	321299	95.873	ng	98
33) 4-Chloroaniline	10.899	127	501724	84.701	ng	99
34) Hexachlorobutadiene	11.046	225	310851	77.818	ng	97
35) Caprolactam	11.710	113	141270m	87.951	ng	
36) 4-Chloro-3-methylphenol	12.016	107	497553	86.204	ng	99
37) 2-Methylnaphthalene	12.381	142	887774	83.130	ng	98
38) 1-Methylnaphthalene	12.599	142	870964	82.891	ng	99
40) 1,2,4,5-Tetrachloroben...	12.740	216	518050	79.348	ng	99
41) Hexachlorocyclopentadiene	12.716	237	222699	76.329	ng	99
43) 2,4,6-Trichlorophenol	12.987	196	345889	82.049	ng	98
44) 2,4,5-Trichlorophenol	13.057	196	387718	82.698	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.393	154	1168567	79.719	ng	99
47) 2-Chloronaphthalene	13.434	162	951693	80.343	ng	100
48) 2-Nitroaniline	13.646	65	366085	87.837	ng	96
49) Acenaphthylene	14.275	152	1429794	82.295	ng	99
50) Dimethylphthalate	14.034	163	1222006	82.080	ng	99
51) 2,6-Dinitrotoluene	14.151	165	280001	84.835	ng	97
52) Acenaphthene	14.622	154	882282	81.993	ng	99
53) 3-Nitroaniline	14.475	138	275801	86.541	ng	97
54) 2,4-Dinitrophenol	14.681	184	171503	99.155	ng	97
55) Dibenzofuran	14.957	168	1430720	81.724	ng	99
56) 4-Nitrophenol	14.781	139	236812	88.024	ng	95
57) 2,4-Dinitrotoluene	14.934	165	402733	88.693	ng	94
58) Fluorene	15.604	166	1197054	83.713	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.181	232	335519	84.044	ng	98
60) Diethylphthalate	15.393	149	1280240	82.909	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	635070	82.843	ng	98
62) 4-Nitroaniline	15.645	138	300949	86.940	ng	97
63) Azobenzene	15.898	77	1259451	80.961	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	231248	92.329	ng	91
66) n-Nitrosodiphenylamine	15.828	169	1014803	80.699	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	391897	80.113	ng	95
68) Hexachlorobenzene	16.598	284	444595	80.644	ng	100
69) Atrazine	16.787	200	305884	67.970	ng	99
70) Pentachlorophenol	16.951	266	320022	85.644	ng	98
71) Phenanthrene	17.351	178	1821296	80.989	ng	100
72) Anthracene	17.445	178	1827391	80.739	ng	100
73) Carbazole	17.722	167	1736254	80.795	ng	99
74) Di-n-butylphthalate	18.281	149	2074719	78.162	ng	100
75) Fluoranthene	19.316	202	2258235	78.469	ng	99
77) Benzidine	19.504	184	532571	79.397	ng	98
78) Pyrene	19.669	202	2277863	99.254	ng	99
80) Butylbenzylphthalate	20.563	149	840684	91.197	ng	98
81) Benzo(a)anthracene	21.386	228	1801496	82.626	ng	100
82) 3,3'-Dichlorobenzidine	21.322	252	587503	74.876	ng	100
83) Chrysene	21.439	228	1688096	82.346	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	1070354	79.867	ng	98
85) Di-n-octyl phthalate	22.280	149	1485566	66.406	ng	100
87) Indeno(1,2,3-cd)pyrene	26.363	276	1551772	82.735	ng	99
88) Benzo(b)fluoranthene	23.086	252	1393833	84.009	ng	100
89) Benzo(k)fluoranthene	23.139	252	1312235	83.119	ng	99
90) Benzo(a)pyrene	23.716	252	1194114	81.896	ng	99
91) Dibenzo(a,h)anthracene	26.392	278	1261099	81.789	ng	98
92) Benzo(g,h,i)perylene	27.139	276	1323342	84.531	ng	100

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

