

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137222.D
 Acq On : 31 Jan 2024 20:58
 Operator : CG\JU
 Sample : P1270-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MSD

Quant Time: Feb 01 01:23:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	50322	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	184761	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	96556	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	176377	20.000	ng	0.00
76) Chrysene-d12	13.974	240	143410	20.000	ng	0.00
86) Perylene-d12	15.451	264	120068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	371982	121.975	ng	0.02
7) Phenol-d6	6.428	99	455748	104.717	ng	0.00
23) Nitrobenzene-d5	7.357	82	339154	82.184	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	139180	127.634	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	610288	86.887	ng	0.00
79) Terphenyl-d14	12.916	244	738762	70.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	53801	32.971	ng	# 80
3) Pyridine	3.410	79	94295	29.773	ng	97
4) n-Nitrosodimethylamine	3.352	42	68476	42.038	ng	99
6) Aniline	6.463	93	83816	17.990	ng	98
8) 2-Chlorophenol	6.581	128	138736	40.686	ng	94
9) Benzaldehyde	6.351	77	31586	19.057	ng	92
10) Phenol	6.445	94	165166	33.999	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	137469	42.343	ng	98
12) 1,3-Dichlorobenzene	6.734	146	155945	39.006	ng	97
13) 1,4-Dichlorobenzene	6.810	146	157846	38.176	ng	99
14) 1,2-Dichlorobenzene	6.963	146	152366	39.413	ng	98
15) Benzyl Alcohol	6.934	79	135002	43.662	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	219791	37.582	ng	99
17) 2-Methylphenol	7.045	107	117019	41.077	ng	97
18) Hexachloroethane	7.304	117	56939	38.182	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	119568	40.069	ng	97
20) 3+4-Methylphenols	7.198	107	143059	39.669	ng	92
22) Acetophenone	7.204	105	210009	42.221	ng	# 93
24) Nitrobenzene	7.375	77	171740	42.877	ng	96
25) Isophorone	7.610	82	317259	41.651	ng	99
26) 2-Nitrophenol	7.687	139	63593	41.367	ng	93
27) 2,4-Dimethylphenol	7.728	122	98568	45.273	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	175322	43.343	ng	98
29) 2,4-Dichlorophenol	7.928	162	117568	43.529	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	138954	41.418	ng	97
31) Naphthalene	8.092	128	408475	40.895	ng	99
32) Benzoic acid	7.834	122	44746	32.687	ng	99
33) 4-Chloroaniline	8.145	127	38575	11.227	ng	98
34) Hexachlorobutadiene	8.210	225	94051	42.161	ng	98
35) Caprolactam	8.498	113	32800m	39.055	ng	
36) 4-Chloro-3-methylphenol	8.622	107	130349	40.860	ng	97
37) 2-Methylnaphthalene	8.787	142	273975	40.914	ng	100
38) 1-Methylnaphthalene	8.881	142	257522	41.404	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	145268	44.963	ng	100
41) Hexachlorocyclopentadiene	8.934	237	97535	63.383	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	87049	47.502	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	90539	45.200	ng	94
46) 1,1'-Biphenyl	9.251	154	351139	45.708	ng	98
47) 2-Chloronaphthalene	9.275	162	252859	44.476	ng	99
48) 2-Nitroaniline	9.369	65	89257	48.506	ng	97
49) Acenaphthylene	9.686	152	406696	44.684	ng	99
50) Dimethylphthalate	9.551	163	311781	47.797	ng	100
51) 2,6-Dinitrotoluene	9.616	165	66622	47.896	ng	# 83
52) Acenaphthene	9.863	154	238993	44.678	ng	99
53) 3-Nitroaniline	9.781	138	27700	22.129	ng	88
54) 2,4-Dinitrophenol	9.886	184	24261	45.072	ng	92
55) Dibenzofuran	10.033	168	371590	43.662	ng	100
56) 4-Nitrophenol	9.945	139	80857	87.175	ng	94
57) 2,4-Dinitrotoluene	10.016	165	84936	47.060	ng	92
58) Fluorene	10.381	166	287224	43.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	84442m	45.307	ng	
60) Diethylphthalate	10.257	149	304488	47.407	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	146639	44.217	ng	97
62) 4-Nitroaniline	10.398	138	51353	42.860	ng	99
63) Azobenzene	10.533	77	301843	42.434	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	23498	27.747	ng	93
66) n-Nitrosodiphenylamine	10.492	169	253182	47.210	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	92730	47.814	ng	93
68) Hexachlorobenzene	10.922	284	96868	44.717	ng	98
69) Atrazine	11.022	200	85346	48.208	ng	98
70) Pentachlorophenol	11.122	266	116069	93.468	ng	97
71) Phenanthrene	11.345	178	414978	44.942	ng	99
72) Anthracene	11.398	178	431903	44.877	ng	98
73) Carbazole	11.551	167	378798	47.096	ng	99
74) Di-n-butylphthalate	11.892	149	451569	51.938	ng	100
75) Fluoranthene	12.533	202	472681	48.921	ng	99
77) Benzidine	12.669	184	73269	28.532	ng	98
78) Pyrene	12.769	202	490576	35.596	ng	99
80) Butylbenzylphthalate	13.398	149	187820	53.274	ng	92
81) Benzo(a)anthracene	13.963	228	447909	44.101	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	108614	39.252	ng	97
83) Chrysene	13.998	228	439490	44.015	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	272082	66.335	ng	97
85) Di-n-octyl phthalate	14.586	149	470217	72.100	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	312491	37.045	ng	99
88) Benzo(b)fluoranthene	15.021	252	351820	47.646	ng	98
89) Benzo(k)fluoranthene	15.051	252	364687	46.686	ng	99
90) Benzo(a)pyrene	15.392	252	305067	43.902	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	256602	37.964	ng	99
92) Benzo(g,h,i)perylene	17.404	276	230988	34.819	ng	97

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

