

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140781.D
 Acq On : 06 Dec 2024 21:36
 Operator : RC/JU
 Sample : P5112-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10TH-ST-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 23:14:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70323	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	252197	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	122922	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	192178	20.000	ng	0.00
76) Chrysene-d12	14.063	240	146775	20.000	ng	0.01
86) Perylene-d12	15.563	264	115742	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	486379	118.008	ng	0.01
7) Phenol-d6	6.516	99	612765	112.458	ng	0.00
23) Nitrobenzene-d5	7.434	82	395330	80.180	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	141094	107.324	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	706545	85.641	ng	-0.01
79) Terphenyl-d14	12.986	244	623037	66.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	77624	44.794	ng	98
3) Pyridine	3.463	79	189394	49.673	ng	99
4) n-Nitrosodimethylamine	3.416	42	102375	45.685	ng	94
6) Aniline	6.540	93	110044	28.693	ng	# 38
8) 2-Chlorophenol	6.663	128	231716	52.256	ng	96
9) Benzaldehyde	6.422	77	70350	24.389	ng	98
10) Phenol	6.534	94	292293	52.527	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	221094	51.922	ng	98
12) 1,3-Dichlorobenzene	6.810	146	247485	49.671	ng	99
13) 1,4-Dichlorobenzene	6.887	146	249053	49.367	ng	99
14) 1,2-Dichlorobenzene	7.040	146	238437	50.438	ng	99
15) Benzyl Alcohol	7.016	79	199328	49.329	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	262680	52.216	ng	64
17) 2-Methylphenol	7.140	107	174160	49.065	ng	93
18) Hexachloroethane	7.375	117	90832	48.206	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	165651	51.440	ng	98
20) 3+4-Methylphenols	7.293	107	238171	52.203	ng	# 67
22) Acetophenone	7.281	105	320678	52.156	ng	# 93
24) Nitrobenzene	7.457	77	246320	48.338	ng	97
25) Isophorone	7.693	82	439041	53.387	ng	99
26) 2-Nitrophenol	7.769	139	122690	54.330	ng	96
27) 2,4-Dimethylphenol	7.810	122	180377m	66.758	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	270241	53.941	ng	99
29) 2,4-Dichlorophenol	8.022	162	191124	53.382	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	203328	49.739	ng	98
31) Naphthalene	8.175	128	709621	54.627	ng	99
32) Benzoic acid	7.945	122	84518	37.752	ng	96
33) 4-Chloroaniline	8.240	127	41934	10.782	ng	99
34) Hexachlorobutadiene	8.281	225	136302	50.340	ng	99
35) Caprolactam	8.598	113	55830	50.389	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	191803	47.848	ng	99
37) 2-Methylnaphthalene	8.863	142	445971	54.051	ng	100
38) 1-Methylnaphthalene	8.963	142	410655	50.776	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	205939	57.228	ng	98
41) Hexachlorocyclopentadiene	9.010	237	39924	52.151	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	123872	54.858	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140781.D
 Acq On : 06 Dec 2024 21:36
 Operator : RC/JU
 Sample : P5112-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10TH-ST-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 23:14:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	124620	50.852	ng	97
46) 1,1'-Biphenyl	9.328	154	521334	56.806	ng	100
47) 2-Chloronaphthalene	9.351	162	372496	53.566	ng	99
48) 2-Nitroaniline	9.457	65	114930	51.490	ng	95
49) Acenaphthylene	9.769	152	608083	57.874	ng	100
50) Dimethylphthalate	9.628	163	454648	56.160	ng	99
51) 2,6-Dinitrotoluene	9.698	165	93739	51.055	ng	91
52) Acenaphthene	9.939	154	405927	60.804	ng	98
53) 3-Nitroaniline	9.869	138	55181	30.729	ng	93
54) 2,4-Dinitrophenol	9.992	184	38548	44.398	ng	96
55) Dibenzofuran	10.116	168	568167	55.795	ng	100
56) 4-Nitrophenol	10.063	139	80067	65.378	ng	96
57) 2,4-Dinitrotoluene	10.104	165	116348	47.681	ng	94
58) Fluorene	10.457	166	466679	57.095	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	93499	49.644	ng	93
60) Diethylphthalate	10.322	149	440889	53.602	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	204367	50.948	ng	99
62) 4-Nitroaniline	10.486	138	75484	40.079	ng	95
63) Azobenzene	10.604	77	417407	53.587	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	35994	36.652	ng	97
66) n-Nitrosodiphenylamine	10.569	169	355806	62.607	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	114963	58.087	ng	97
68) Hexachlorobenzene	11.010	284	120880	52.748	ng	100
69) Atrazine	11.098	200	104256	65.209	ng	98
70) Pentachlorophenol	11.216	266	85487	84.757	ng	99
71) Phenanthrene	11.428	178	1361079	147.338	ng	100
72) Anthracene	11.480	178	725029	80.235	ng	99
73) Carbazole	11.639	167	535369	61.586	ng	99
74) Di-n-butylphthalate	11.951	149	603579	60.141	ng	100
75) Fluoranthene	12.628	202	1669940	166.496	ng	99
77) Benzidine	12.745	184	171302	40.142	ng	99
78) Pyrene	12.857	202	1562572	115.139	ng	99
80) Butylbenzylphthalate	13.457	149	251764	51.497	ng	99
81) Benzo(a)anthracene	14.051	228	1087561	111.936	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	117822	40.390	ng	99
83) Chrysene	14.086	228	893731	100.599	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	370155	59.961	ng	100
85) Di-n-octyl phthalate	14.645	149	622562	73.794	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	477308	63.280	ng	99
88) Benzo(b)fluoranthene	15.127	252	848638	116.733	ng	98
89) Benzo(k)fluoranthene	15.157	252	498789m	78.404	ng	
90) Benzo(a)pyrene	15.504	252	616883	104.361	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	302959	49.044	ng	99
92) Benzo(g,h,i)perylene	17.551	276	376475	59.725	ng	99

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

