

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021979.D
 Acq On : 23 Sep 2024 12:30
 Operator : RC/JU
 Sample : P2403-03
 Misc : MDL-MDL-SOIL-8 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 23 13:12:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	108513	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	425632	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	319143	20.000	ng	0.00
64) Phenanthrene-d10	17.116	188	788764	20.000	ng	-0.02
76) Chrysene-d12	21.533	240	953506	20.000	ng	-0.03
86) Perylene-d12	24.827	264	1095859	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	716288	124.050	ng	0.00
7) Phenol-d6	6.893	99	946838	126.313	ng	0.00
23) Nitrobenzene-d5	8.852	82	733517	91.189	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	802420	135.623	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1925280	88.063	ng	0.00
79) Terphenyl-d14	19.833	244	4022125	79.239	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	19502	8.134	ng	99
3) Pyridine	3.664	79	45682	7.144	ng	98
4) n-Nitrosodimethylamine	3.564	42	26768	7.935	ng	# 92
6) Aniline	7.052	93	66185	10.048	ng	99
8) 2-Chlorophenol	7.281	128	53456	8.658	ng	93
9) Benzaldehyde	6.869	77	50044m	12.768	ng	
10) Phenol	6.916	94	61819	8.303	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	49343	8.798	ng	98
12) 1,3-Dichlorobenzene	7.605	146	64495	8.274	ng	97
13) 1,4-Dichlorobenzene	7.746	146	65466	8.281	ng	95
14) 1,2-Dichlorobenzene	8.058	146	63264	8.338	ng	97
15) Benzyl Alcohol	7.946	79	50505	8.785	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	56707	9.480	ng	99
17) 2-Methylphenol	8.152	107	41573	8.266	ng	97
18) Hexachloroethane	8.781	117	23856	8.207	ng	98
19) n-Nitroso-di-n-propyla...	8.505	70	42011	9.017	ng	97
20) 3+4-Methylphenols	8.469	107	56126	7.905	ng	94
22) Acetophenone	8.522	105	90949	8.759	ng	# 99
24) Nitrobenzene	8.893	77	69371	8.492	ng	99
25) Isophorone	9.416	82	110731	8.350	ng	98
26) 2-Nitrophenol	9.593	139	26744	7.488	ng	92
27) 2,4-Dimethylphenol	9.663	122	25850	6.250	ng	97
28) bis(2-Chloroethoxy)met...	9.887	93	64917	8.164	ng	97
29) 2,4-Dichlorophenol	10.128	162	53840	7.670	ng	99
30) 1,2,4-Trichlorobenzene	10.340	180	68597	7.845	ng	98
31) Naphthalene	10.528	128	175325	8.255	ng	100
32) Benzoic acid	9.746	122	25719	5.319	ng	96
33) 4-Chloroaniline	10.634	127	66712	8.708	ng	97
34) Hexachlorobutadiene	10.816	225	51953	7.595	ng	92
35) Caprolactam	11.404	113	15368m	7.356	ng	
36) 4-Chloro-3-methylphenol	11.752	107	56494	7.501	ng	98
37) 2-Methylnaphthalene	12.134	142	124565	8.017	ng	96
38) 1-Methylnaphthalene	12.351	142	117178	7.638	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	91883	8.229	ng	98
41) Hexachlorocyclopentadiene	12.487	237	26840	6.470	ng	93
43) 2,4,6-Trichlorophenol	12.746	196	51668	7.539	ng	95

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44) 2,4,5-Trichlorophenol	12.816	196	56263	7.318	ng	95
46) 1,1'-Biphenyl	13.151	154	182169	8.372	ng	100
47) 2-Chloronaphthalene	13.193	162	140788	8.002	ng	98
48) 2-Nitroaniline	13.393	65	34680	7.218	ng	98
49) Acenaphthylene	14.040	152	215455	8.678	ng	99
50) Dimethylphthalate	13.781	163	187786	8.113	ng	99
51) 2,6-Dinitrotoluene	13.893	165	38607	7.485	ng	96
52) Acenaphthene	14.381	154	128584	7.958	ng	96
53) 3-Nitroaniline	14.222	138	34441	7.492	ng	97
54) 2,4-Dinitrophenol	14.434	184	18638	6.167	ng	93
55) Dibenzofuran	14.728	168	229681	8.457	ng	100
56) 4-Nitrophenol	14.540	139	28179	7.043	ng	99
57) 2,4-Dinitrotoluene	14.687	165	50143	6.877	ng	# 94
58) Fluorene	15.387	166	182464	8.045	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.957	232	57393	7.735	ng	99
60) Diethylphthalate	15.157	149	189840	8.071	ng	99
61) 4-Chlorophenyl-phenyle...	15.381	204	106086	8.034	ng	99
62) 4-Nitroaniline	15.398	138	36695	7.260	ng	97
63) Azobenzene	15.681	77	167004	8.580	ng	100
65) 4,6-Dinitro-2-methylph...	15.463	198	30998	6.780	ng	99
66) n-Nitrosodiphenylamine	15.598	169	159204	8.106	ng	96
67) 4-Bromophenyl-phenylether	16.292	248	71896	7.819	ng	96
68) Hexachlorobenzene	16.410	284	90246	7.872	ng	96
69) Atrazine	16.569	200	68685	9.761	ng	97
70) Pentachlorophenol	16.757	266	51944	6.735	ng	95
71) Phenanthrene	17.151	178	314575	8.308	ng	99
72) Anthracene	17.245	178	294870	8.045	ng	99
73) Carbazole	17.528	167	284112	8.026	ng	99
74) Di-n-butylphthalate	18.116	149	323088	7.771	ng	99
75) Fluoranthene	19.233	202	416066	7.873	ng	99
77) Benzidine	19.433	184	144556	12.406	ng	97
78) Pyrene	19.616	202	438451	7.601	ng	99
80) Butylbenzylphthalate	20.563	149	153508	7.462	ng	99
81) Benzo(a)anthracene	21.510	228	501203	8.180	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	170919	7.689	ng	98
83) Chrysene	21.575	228	473535	8.209	ng	98
84) Bis(2-ethylhexyl)phtha...	21.457	149	226633	7.506	ng	99
85) Di-n-octyl phthalate	22.710	149	373714	7.287	ng	99
87) Indeno(1,2,3-cd)pyrene	28.539	276	601980	8.259	ng	99
88) Benzo(b)fluoranthene	23.774	252	517824	7.990	ng	97
89) Benzo(k)fluoranthene	23.851	252	517963	8.445	ng	99
90) Benzo(a)pyrene	24.657	252	465106	8.331	ng	99
91) Dibenzo(a,h)anthracene	28.609	278	491716	8.174	ng	98
92) Benzo(g,h,i)perylene	29.698	276	471284	7.648	ng	99

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

