

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
 Data File : BP022936.D
 Acq On : 08 Nov 2024 16:10
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-8 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 08 17:10:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	49264	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	190044	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	159992	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	417330	20.000	ng	0.00
76) Chrysene-d12	21.457	240	515124	20.000	ng	0.00
86) Perylene-d12	24.698	264	630683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	306667	118.136	ng	0.00
7) Phenol-d6	6.793	99	437712	120.910	ng	0.00
23) Nitrobenzene-d5	8.740	82	358742	89.181	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	428072	138.037	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	978245	87.365	ng	0.00
79) Terphenyl-d14	19.757	244	2440770	88.985	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	8971	8.656	ng	99
3) Pyridine	3.593	79	20293	7.131	ng	# 88
4) n-Nitrosodimethylamine	3.493	42	12283	8.954	ng	# 77
6) Aniline	6.940	93	31787	10.533	ng	97
8) 2-Chlorophenol	7.169	128	21803	8.013	ng	90
9) Benzaldehyde	6.769	77	21731m	10.387	ng	
10) Phenol	6.822	94	30006	8.369	ng	91
11) bis(2-Chloroethyl)ether	7.040	93	23249	8.583	ng	97
12) 1,3-Dichlorobenzene	7.487	146	27148	7.818	ng	98
13) 1,4-Dichlorobenzene	7.634	146	26805	7.559	ng	99
14) 1,2-Dichlorobenzene	7.940	146	26471	7.721	ng	98
15) Benzyl Alcohol	7.846	79	20610	7.516	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.105	45	26742	9.100	ng	97
17) 2-Methylphenol	8.052	107	19703	8.096	ng	96
18) Hexachloroethane	8.652	117	10329	7.874	ng	89
19) n-Nitroso-di-n-propyla...	8.393	70	22204	8.961	ng	93
20) 3+4-Methylphenols	8.381	107	26573	7.813	ng	96
22) Acetophenone	8.411	105	43756	8.650	ng	# 93
24) Nitrobenzene	8.781	77	32897	8.051	ng	95
25) Isophorone	9.299	82	56953	8.365	ng	97
26) 2-Nitrophenol	9.493	139	12037	7.174	ng	88
27) 2,4-Dimethylphenol	9.552	122	15985	8.343	ng	98
28) bis(2-Chloroethoxy)met...	9.775	93	31885	8.245	ng	99
29) 2,4-Dichlorophenol	10.028	162	25485	7.684	ng	92
30) 1,2,4-Trichlorobenzene	10.216	180	32582	7.685	ng	99
31) Naphthalene	10.399	128	76104	7.992	ng	99
32) Benzoic acid	9.663	122	15321m	6.659	ng	
33) 4-Chloroaniline	10.528	127	29836	8.803	ng	# 92
34) Hexachlorobutadiene	10.669	225	23559	7.576	ng	96
35) Caprolactam	11.322	113	7670m	7.725	ng	
36) 4-Chloro-3-methylphenol	11.663	107	27427	7.417	ng	99
37) 2-Methylnaphthalene	12.010	142	57742	8.097	ng	96
38) 1-Methylnaphthalene	12.234	142	55816m	7.885	ng	
40) 1,2,4,5-Tetrachloroben...	12.387	216	44150	8.151	ng	99
41) Hexachlorocyclopentadiene	12.357	237	11262	7.404	ng	99
43) 2,4,6-Trichlorophenol	12.646	196	26370	7.655	ng	98

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44) 2,4,5-Trichlorophenol	12.728	196	28015	7.144	ng	99
46) 1,1'-Biphenyl	13.034	154	90140	8.475	ng	96
47) 2-Chloronaphthalene	13.075	162	68976	7.815	ng	93
48) 2-Nitroaniline	13.310	65	18697	7.271	ng	99
49) Acenaphthylene	13.940	152	108653	8.815	ng	100
50) Dimethylphthalate	13.681	163	97423	8.317	ng	98
51) 2,6-Dinitrotoluene	13.793	165	20173	7.574	ng	# 85
52) Acenaphthene	14.293	154	63115	7.963	ng	97
53) 3-Nitroaniline	14.146	138	16503	7.626	ng	94
54) 2,4-Dinitrophenol	14.387	184	10536	6.375	ng	93
55) Dibenzofuran	14.628	168	117734	8.458	ng	98
56) 4-Nitrophenol	14.504	139	10284	5.778	ng	92
57) 2,4-Dinitrotoluene	14.628	165	28912	7.509	ng	# 81
58) Fluorene	15.281	166	95109	8.224	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.863	232	30451	8.051	ng	98
60) Diethylphthalate	15.063	149	95181	8.170	ng	99
61) 4-Chlorophenyl-phenyle...	15.281	204	55394	8.127	ng	97
62) 4-Nitroaniline	15.334	138	16082m	7.242	ng	
63) Azobenzene	15.581	77	86255	8.610	ng	99
65) 4,6-Dinitro-2-methylph...	15.410	198	17492	6.889	ng	95
66) n-Nitrosodiphenylamine	15.504	169	83659	8.108	ng	99
67) 4-Bromophenyl-phenylether	16.198	248	40624	8.116	ng	94
68) Hexachlorobenzene	16.316	284	50348	7.853	ng	98
69) Atrazine	16.487	200	35408	10.181	ng	97
70) Pentachlorophenol	16.675	266	27779	6.785	ng	91
71) Phenanthrene	17.063	178	167382	8.288	ng	99
72) Anthracene	17.169	178	168329	8.684	ng	99
73) Carbazole	17.451	167	145518	7.861	ng	98
74) Di-n-butylphthalate	18.028	149	158002	7.658	ng	99
75) Fluoranthene	19.163	202	221614	7.910	ng	100
77) Benzidine	19.375	184	98710	9.698	ng	99
78) Pyrene	19.545	202	237179	7.779	ng	99
80) Butylbenzylphthalate	20.486	149	76133	7.323	ng	96
81) Benzo(a)anthracene	21.439	228	269720	8.414	ng	98
82) 3,3'-Dichlorobenzidine	21.369	252	99795	7.691	ng	97
83) Chrysene	21.504	228	254924	8.490	ng	98
84) Bis(2-ethylhexyl)phtha...	21.375	149	110124	7.381	ng	99
85) Di-n-octyl phthalate	22.598	149	187688	7.528	ng	100
87) Indeno(1,2,3-cd)pyrene	28.357	276	358772	8.434	ng	# 95
88) Benzo(b)fluoranthene	23.669	252	300109	8.099	ng	# 99
89) Benzo(k)fluoranthene	23.733	252	285601	8.163	ng	96
90) Benzo(a)pyrene	24.533	252	269175	8.490	ng	99
91) Dibenzo(a,h)anthracene	28.433	278	292253	8.378	ng	99
92) Benzo(g,h,i)perylene	29.492	276	273009	7.638	ng	100

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

