

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019725.D
 Acq On : 15 Feb 2024 16:20
 Operator : MA/JU
 Sample : P1483-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-205MS

Quant Time: Feb 15 16:47:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	83915	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	296257	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	181241	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	396039	20.000	ng	0.00
76) Chrysene-d12	21.392	240	401008	20.000	ng	0.00
86) Perylene-d12	23.810	264	516876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	370937	71.253	ng	-0.01
7) Phenol-d6	7.075	99	475304	67.712	ng	-0.01
23) Nitrobenzene-d5	9.075	82	327905	47.960	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	232149	87.728	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	677577	46.217	ng	-0.02
79) Terphenyl-d14	19.863	244	1036312	42.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	73598	36.694	ng	98
3) Pyridine	3.781	79	197617	36.341	ng	96
4) n-Nitrosodimethylamine	3.699	42	100279	42.357	ng	96
6) Aniline	7.234	93	251000	36.800	ng	99
8) 2-Chlorophenol	7.463	128	239939	44.893	ng	96
9) Benzaldehyde	7.052	77	50948m	10.352	ng	
10) Phenol	7.105	94	294106	42.038	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	227993	41.888	ng	97
12) 1,3-Dichlorobenzene	7.787	146	280747	42.928	ng	96
13) 1,4-Dichlorobenzene	7.940	146	289014	43.619	ng	98
14) 1,2-Dichlorobenzene	8.252	146	274295	42.786	ng	97
15) Benzyl Alcohol	8.152	79	238877	42.591	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	216761	39.825	ng	99
17) 2-Methylphenol	8.352	107	194624	41.321	ng	98
18) Hexachloroethane	8.969	117	107273	41.769	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	182235	38.008	ng	99
20) 3+4-Methylphenols	8.681	107	260917	40.590	ng	98
22) Acetophenone	8.734	105	365233	43.275	ng	# 98
24) Nitrobenzene	9.116	77	283912	41.243	ng	98
25) Isophorone	9.646	82	491700	41.295	ng	99
26) 2-Nitrophenol	9.822	139	129785	49.447	ng	99
27) 2,4-Dimethylphenol	9.887	122	171032	50.959	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	279574	41.499	ng	99
29) 2,4-Dichlorophenol	10.357	162	231218	45.574	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	280972	45.167	ng	99
31) Naphthalene	10.752	128	702111	43.211	ng	100
32) Benzoic acid	10.040	122	157606	48.197	ng	98
33) 4-Chloroaniline	10.875	127	104361	17.368	ng	99
34) Hexachlorobutadiene	11.022	225	205556	44.591	ng	99
35) Caprolactam	11.681	113	65080	45.312	ng	98
36) 4-Chloro-3-methylphenol	11.999	107	241575	43.668	ng	98
37) 2-Methylnaphthalene	12.363	142	484353	43.074	ng	100
38) 1-Methylnaphthalene	12.581	142	456312	41.294	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	337034	48.218	ng	99
41) Hexachlorocyclopentadiene	12.693	237	379622	120.223	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	206980	48.903	ng	98

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44) 2,4,5-Trichlorophenol	13.046	196	220890	47.528	ng	97
46) 1,1'-Biphenyl	13.375	154	642730	44.432	ng	100
47) 2-Chloronaphthalene	13.416	162	517272	43.562	ng	97
48) 2-Nitroaniline	13.634	65	152334	45.879	ng	96
49) Acenaphthylene	14.263	152	808661	48.541	ng	100
50) Dimethylphthalate	14.010	163	629343	45.360	ng	99
51) 2,6-Dinitrotoluene	14.134	165	138908	45.569	ng	92
52) Acenaphthene	14.604	154	452945	43.806	ng	99
53) 3-Nitroaniline	14.463	138	104565	37.326	ng	94
54) 2,4-Dinitrophenol	14.669	184	164527	103.952	ng	98
55) Dibenzofuran	14.940	168	764350	45.388	ng	99
56) 4-Nitrophenol	14.769	139	219825	95.736	ng	96
57) 2,4-Dinitrotoluene	14.922	165	191676	47.983	ng	98
58) Fluorene	15.592	166	611103	45.561	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	207177	52.996	ng	95
60) Diethylphthalate	15.375	149	608629	44.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	342945	45.491	ng	96
62) 4-Nitroaniline	15.622	138	128462	43.748	ng	94
63) Azobenzene	15.881	77	568232	42.580	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	110637	48.993	ng	95
66) n-Nitrosodiphenylamine	15.810	169	524989	44.262	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	225812	45.610	ng	96
68) Hexachlorobenzene	16.587	284	264134	45.685	ng	95
69) Atrazine	16.775	200	209232	53.160	ng	98
70) Pentachlorophenol	16.939	266	362930	100.801	ng	99
71) Phenanthrene	17.339	178	958408	45.984	ng	99
72) Anthracene	17.434	178	968619	46.588	ng	100
73) Carbazole	17.710	167	847685	44.880	ng	99
74) Di-n-butylphthalate	18.263	149	971283	42.530	ng	99
75) Fluoranthene	19.310	202	1175077	46.152	ng	99
77) Benzidine	19.498	184	589249	70.285	ng	100
78) Pyrene	19.657	202	1215729	42.956	ng	99
80) Butylbenzylphthalate	20.545	149	432435	40.915	ng	98
81) Benzo(a)anthracene	21.375	228	1311750	46.470	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	450265	43.773	ng	99
83) Chrysene	21.427	228	1206451	45.017	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	602531	37.438	ng	100
85) Di-n-octyl phthalate	22.251	149	1065147	37.616	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1810978	45.772	ng	97
88) Benzo(b)fluoranthene	23.074	252	1452039	44.573	ng	99
89) Benzo(k)fluoranthene	23.122	252	1379064	44.317	ng	98
90) Benzo(a)pyrene	23.704	252	1333989	46.023	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1483855	45.600	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1429066	43.289	ng	97

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

