

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136012.D
 Acq On : 28 Oct 2023 18:42
 Operator : CG\JU
 Sample : 04887-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-622-VOC-04MSD

Quant Time: Oct 30 00:28:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	157342	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	617576	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	318318	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	584504	20.000	ng	0.00
76) Chrysene-d12	14.015	240	309865	20.000	ng	0.00
86) Perylene-d12	15.498	264	354640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1340731	131.580	ng	0.02
7) Phenol-d6	6.463	99	1591459	125.455	ng	0.00
23) Nitrobenzene-d5	7.392	82	1051498	107.077	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	509837	182.985	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1899642	95.559	ng	0.00
79) Terphenyl-d14	12.957	244	2148517	115.847	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	204956	43.301	ng	# 82
3) Pyridine	3.493	79	430109	32.922	ng	94
4) n-Nitrosodimethylamine	3.446	42	253738	44.543	ng	97
6) Aniline	6.492	93	252587	14.788	ng	99
8) 2-Chlorophenol	6.610	128	570870	54.119	ng	99
9) Benzaldehyde	6.381	77	112204	16.351	ng	97
10) Phenol	6.475	94	590592m	44.533	ng	
11) bis(2-Chloroethyl)ether	6.569	93	547191	53.009	ng	99
12) 1,3-Dichlorobenzene	6.769	146	581877	51.933	ng	96
13) 1,4-Dichlorobenzene	6.845	146	594327	52.816	ng	99
14) 1,2-Dichlorobenzene	6.992	146	565902	54.156	ng	98
15) Benzyl Alcohol	6.969	79	458801	51.162	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	751161	49.412	ng	97
17) 2-Methylphenol	7.081	107	426371	45.862	ng	99
18) Hexachloroethane	7.333	117	209642	54.790	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	362103	50.197	ng	96
20) 3+4-Methylphenols	7.233	107	510170	45.467	ng	# 84
22) Acetophenone	7.239	105	738341	52.933	ng	# 93
24) Nitrobenzene	7.410	77	555574	53.982	ng	99
25) Isophorone	7.645	82	1039233	53.237	ng	100
26) 2-Nitrophenol	7.722	139	279330	65.719	ng	99
27) 2,4-Dimethylphenol	7.763	122	423361	47.585	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	646675	53.946	ng	98
29) 2,4-Dichlorophenol	7.963	162	456677	57.321	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	503994	55.872	ng	100
31) Naphthalene	8.128	128	1600645	53.608	ng	100
32) Benzoic acid	7.886	122	327712	63.725	ng	88
33) 4-Chloroaniline	8.175	127	37872	2.870	ng	98
34) Hexachlorobutadiene	8.245	225	282682	55.598	ng	100
35) Caprolactam	8.551	113	135098m	50.957	ng	
36) 4-Chloro-3-methylphenol	8.657	107	482938	57.041	ng	98
37) 2-Methylnaphthalene	8.822	142	1000240	50.631	ng	100
38) 1-Methylnaphthalene	8.922	142	973047	52.713	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	476611	53.012	ng	100
41) Hexachlorocyclopentadiene	8.975	237	472872	106.668	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	318775	60.580	ng	98

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44) 2,4,5-Trichlorophenol	9.139	196	353785	56.626	ng	99
46) 1,1'-Biphenyl	9.292	154	1273196	52.786	ng	99
47) 2-Chloronaphthalene	9.310	162	970072	54.374	ng	98
48) 2-Nitroaniline	9.410	65	303074	59.044	ng	93
49) Acenaphthylene	9.727	152	1535270	54.548	ng	99
50) Dimethylphthalate	9.598	163	1119421	54.228	ng	99
51) 2,6-Dinitrotoluene	9.651	165	258752	59.200	ng	93
52) Acenaphthene	9.904	154	1050149m	58.220	ng	
53) 3-Nitroaniline	9.816	138	143880	29.988	ng	# 95
54) 2,4-Dinitrophenol	9.927	184	232866	108.727	ng	93
55) Dibenzofuran	10.074	168	1347697	51.719	ng	99
56) 4-Nitrophenol	9.980	139	428407	101.107	ng	96
57) 2,4-Dinitrotoluene	10.057	165	343668	62.827	ng	98
58) Fluorene	10.416	166	1005235	51.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	299077	63.615	ng	98
60) Diethylphthalate	10.298	149	1075778	54.650	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	477472	50.773	ng	96
62) 4-Nitroaniline	10.439	138	267688	52.329	ng	94
63) Azobenzene	10.574	77	1020680	51.094	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	159616	68.881	ng	96
66) n-Nitrosodiphenylamine	10.533	169	936738	53.049	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	328721	54.915	ng	96
68) Hexachlorobenzene	10.963	284	377224	58.992	ng	96
69) Atrazine	11.063	200	333179	69.215	ng	97
70) Pentachlorophenol	11.157	266	428433	104.319	ng	99
71) Phenanthrene	11.386	178	1573238	53.201	ng	100
72) Anthracene	11.433	178	1604784	53.000	ng	100
73) Carbazole	11.592	167	1428504	52.887	ng	99
74) Di-n-butylphthalate	11.933	149	1669686	58.092	ng	99
75) Fluoranthene	12.574	202	1581077	50.821	ng	97
77) Benzidine	12.698	184	107017	17.911	ng	98
78) Pyrene	12.804	202	1580539	60.749	ng	100
80) Butylbenzylphthalate	13.439	149	632259	63.002	ng	96
81) Benzo(a)anthracene	13.998	228	1147546	54.466	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	206001	32.138	ng	98
83) Chrysene	14.039	228	1101506	53.679	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	773147	72.266	ng	99
85) Di-n-octyl phthalate	14.627	149	1263928	74.995	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1097262	54.565	ng	98
88) Benzo(b)fluoranthene	15.062	252	1184116	56.105	ng	99
89) Benzo(k)fluoranthene	15.098	252	982002	47.375	ng	99
90) Benzo(a)pyrene	15.439	252	989332	50.861	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	922886	53.654	ng	98
92) Benzo(g,h,i)perylene	17.474	276	837130	43.212	ng	98

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

