Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090825\
Data File : BP025684.D
Acq On : 08 Sep 2025 14:41
Operator : CG/JU
Sample : SSTD00510
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 08 17:20:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 08 16:53:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD005639

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
09/09/2025
Supervised By :Jagrut Upadhyay
09/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	125875	20.000	ng/ul	0.00
20) Naphthalene-d8	10.525	136	495930	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.378	164	356358	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.178	188	782622	20.000	ng/ul	0.00
79) Chrysene-d12	21.625	240	869821	20.000	ng/ul	0.00
88) Perylene-d12	24.983	264	950861	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	5994	2.098	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.308	132	35263	4.482	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.908	128	16446	4.790	ng/ul	0.00
24) 2-Nitrophenol-d4	9.619	143	18724	5.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.184	165	33060	4.428	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.778	166	131614	5.110	ng/ul	0.00
49) Acenaphthylene-d8	14.066	160	138909	4.672	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.390	176	108545	4.929	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.284	188	181335	4.848	ng/ul	0.00
81) Pyrene-d10	19.648	212	229064	5.071	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.754	264	231883	4.874	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	6131	1.992	ng/uL#	95
12) 2-Chlorophenol	7.343	128	34672	4.308	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.555	70	30828	5.214	ng/ul	99
19) Hexachloroethane	8.825	117	17258	5.423	ng/ul	95
22) Nitrobenzene	8.943	77	39745	4.984	ng/ul	98
23) Isophorone	9.466	82	87227	5.286	ng/ul	100
25) 2-Nitrophenol	9.649	139	19233	5.314	ng/ul	94
26) 2,4-Dimethylphenol	9.719	107	42179	5.063	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.943	93	47648	4.732	ng/ul	98
29) 2,4-Dichlorophenol	10.207	162	32602	4.407	ng/ul	96
30) Naphthalene	10.578	128	126526	4.886	ng/ul	99
33) Hexachlorobutadiene	10.860	225	27890	5.515	ng/ul	99
35) 4-Chloro-3-methylphenol	11.831	107	39850	5.184	ng/ul	98
36) 2-Methylnaphthalene	12.190	142	88330	4.764	ng/ul	96
37) 1-Methylnaphthalene	12.401	142	88456	4.891	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.560	216	48726	4.619	ng/ul	97
41) 2,4,6-Trichlorophenol	12.801	196	30141m	4.736	ng/ul	
42) 2,4,5-Trichlorophenol	12.901	196	34581m	4.901	ng/ul	
43) 1,1'-Biphenyl	13.201	154	118698	4.548	ng/ul	99
44) 2-Chloronaphthalene	13.243	162	90049	4.423	ng/ul	94
45) 2-Nitroaniline	13.460	65	26052	6.015	ng/ul	98
47) Dimethylphthalate	13.825	163	131635	5.182	ng/ul	99
48) 2,6-Dinitrotoluene	13.954	165	23396	5.579	ng/ul	96
50) Acenaphthylene	14.095	152	158658	4.712	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	Acenaphthene	14.437	153	103088	4.760	ng/ul	99
56)	Dibenzofuran	14.784	168	148985	4.831	ng/ul	100
57)	2,4-Dinitrotoluene	14.754	165	34255	5.512	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.031	232	30579	5.283	ng/ul#	97
59)	Diethylphthalate	15.207	149	135279	5.393	ng/ul	99
61)	Fluorene	15.442	166	123777	4.961	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.442	204	64396	5.180	ng/ul	94
67)	N-Nitrosodiphenylamine	15.654	169	104502	4.564	ng/ul	97
68)	4-Bromophenyl-phenylether	16.354	248	38552	4.716	ng/ul	97
69)	Hexachlorobenzene	16.478	284	45271	4.475	ng/ul	98
72)	Phenanthrene	17.225	178	208086	4.820	ng/ul	99
74)	Anthracene	17.319	178	208183	4.801	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.172	216	51651	4.439	ng/uL	96
76)	Pentachlorobenzene	14.707	250	52190	4.452	ng/uL	98
78)	Di-n-butylphthalate	18.189	149	242046	5.480	ng/ul	99
80)	Fluoranthene	19.307	202	259098	4.964	ng/ul	99
82)	Pyrene	19.683	202	278626	5.042	ng/ul	99
83)	Butylbenzylphthalate	20.630	149	123234	6.899	ng/ul	95
85)	Benzo(a)anthracene	21.601	228	273601	4.895	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.536	149	182378	6.326	ng/ul	97
87)	Chrysene	21.666	228	259881	4.968	ng/ul	99
90)	Benzo(b)fluoranthene	23.913	252	257177	4.631	ng/ul	99
91)	Benzo(k)fluoranthene	23.989	252	276208	4.951	ng/ul	98
93)	Benzo(a)pyrene	24.824	252	256031	4.892	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.806	276	309705m	4.672	ng/ul	
95)	Dibenzo(a,h)anthracene	28.871	278	240130	4.474	ng/ul	99
96)	Benzo(g,h,i)perylene	29.977	276	253885m	4.704	ng/ul	

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

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